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The Society of the Plastics Industry, Inc.

Monthly Statistical Report-Resins

355 Lexington Avenue
New York New York 10017
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FOR THE MONTH AND PERIOD ENDED
SEPTEMBER 1986

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY

RELEASE DATE: November 19, 1986

The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

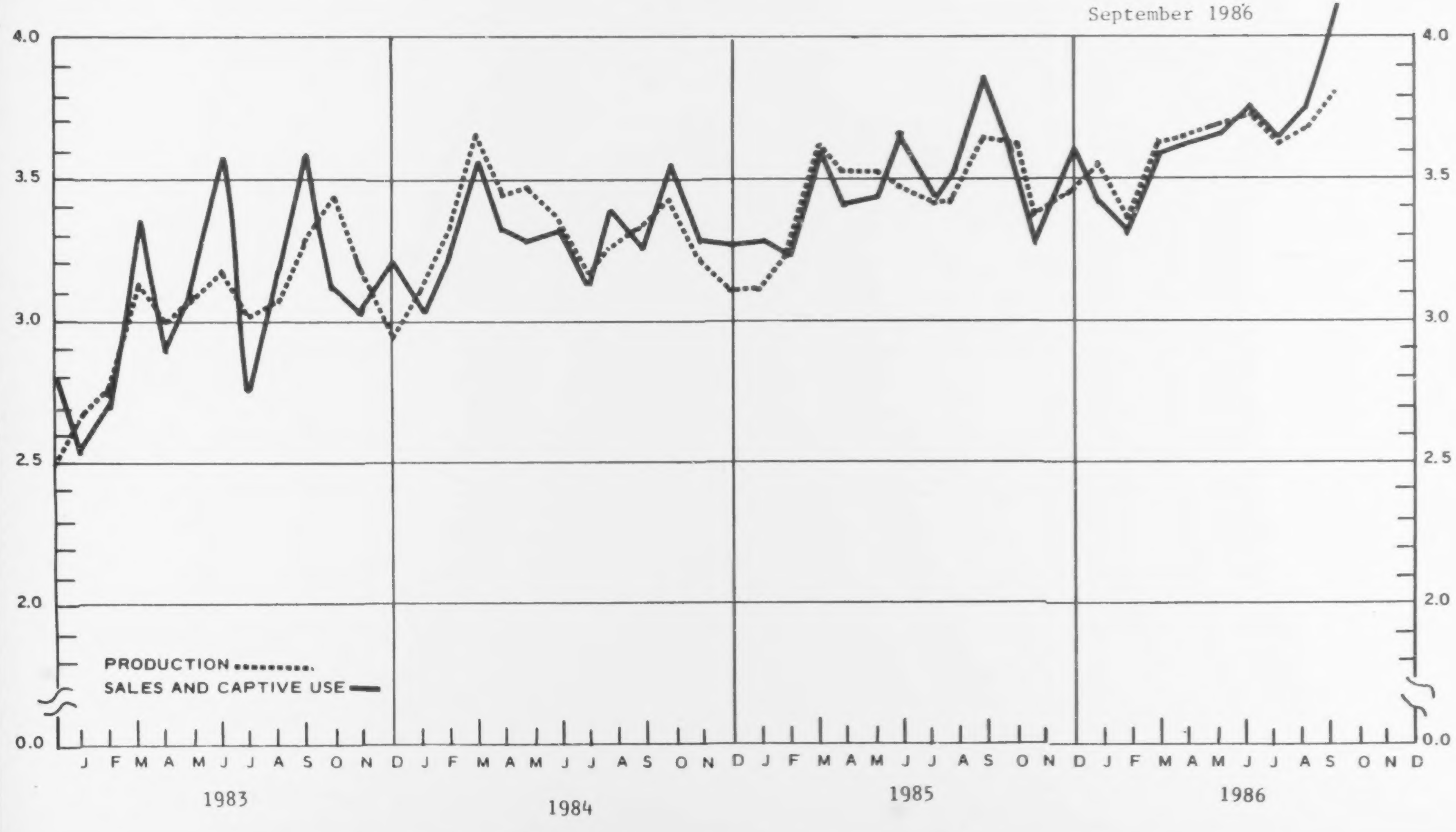
PART 300/400
NON-PART 400/500

SECTION I

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

September 1986



Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC

(In thousands of pounds, dry weight basis)(1)

September 1986

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	September			YEAR TO DATE			September			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
EPOXY RESINS, TOTAL	36,842	29,950	+23.0	289,821	281,859	+ 2.8	45,266	33,867	+33.7	308,785	291,417	+ 6.0
POLYESTER (UNSATURATED) RESINS, TOTAL	110,149	106,004	+ 3.9	966,318R	946,228	+ 2.1	110,071	102,544	+ 7.3	970,468R	938,582	+ 3.4
UREA RESINS, TOTAL	113,783	109,386	+ 4.0	938,227	905,906	+ 3.6	113,383	109,744	+ 3.3	942,905	912,327	+ 3.4
MELAMINE RESINS, TOTAL	16,381	15,935	+ 2.8	141,712	145,186	- 2.4	14,875	15,305	- 2.8	128,764	143,296	-10.1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	239,122	231,336	+ 3.4	2,078,977R	1,957,355	+ 6.2	236,036	230,980	+ 2.2	2,046,289R	1,942,587	+ 5.3
THERMOSETTING RESINS, TOTAL	516,277	492,611	+ 4.8	4,415,055R	4,236,734	+ 4.2	519,631	492,440	+ 5.5	4,397,211R	4,228,209	+ 4.0
LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	844,061	873,314	- 3.3	6,621,518R	6,653,537	- 0.5	754,345	783,216	- 2.4	6,621,919R	6,606,743	+ 0.2
HIGH DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	689,237	665,572	+ 3.6	5,256,686R	4,973,898	+ 5.7	624,086	602,773	+ 3.5	5,330,574R	5,002,648	+ 6.6
POLYPROPYLENE, TOTAL	552,343	459,065	+20.3	4,315,097R	3,910,202	+10.4	490,366	442,224	+10.9	4,269,422R	3,819,778	+11.8
ACRYLONITRILE BUTADIENE STYRENE (ABS) RESINS, TOTAL	96,222	83,371	+15.4	789,258	775,867	+ 1.7	88,438	75,378	+17.3	793,880	793,931	- 0.0
STYRENE ACRYLONITRILE (SAN) RESINS, TOTAL	8,863	6,416	+38.1	59,231	65,743	- 9.9	8,652	6,240	+38.7	65,321	[illegible]	- 0.7
POLYSTYRENE RESINS, TOTAL	415,075	363,744	+14.1	3,338,020	3,064,900	+ 8.9	367,666	348,158	+ 5.6	3,271,231	3,027,722	+ 8.0
STYRENE BASED LATEXES, TOTAL **	78,390	71,926	+ 9.0	644,164	600,068	+ 7.3	67,372	63,348	+ 6.4	601,426	550,715	+ 9.2
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	25,189	24,176	+ 4.2	214,340	202,904	+ 5.6	24,873	20,868	+19.2	211,157	201,205	+ 4.9
NYLON RESINS, TOTAL	35,333	36,142	- 2.2	327,533R	300,129	+ 9.1	36,404	33,458	+ 8.8	348,690	296,771	+17.5
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	695,009	602,789	+15.3	5,514,552	5,015,369	+10.0	626,756	620,851	+ 1.0	5,380,952	5,056,753	+ 6.4
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	61,269	55,991	+ 9.4	528,697	517,641	+ 2.1	* 61,269	* 55,991	+ 9.4	* 528,697	* 517,641	+ 2.1
POLYVINYL ALCOHOL, TOTAL #	D(4)	12,995	n.c.	D(4)	110,048	n.c.	D(4)	13,782	n.c.	D(4)	108,751	n.c.
OTHER VINYL RESINS, TOTAL	12,374	17,760	-30.3	138,831	145,620	- 4.7	15,807	15,519	+ 1.9	147,987	142,633	+ 3.8
THERMOPLASTIC POLYESTER, TOTAL	104,795	79,846	+31.2	853,432	706,614	+20.8	105,147	72,791	+44.5	855,895	715,817	+19.6
THERMOPLASTIC RESINS, TOTAL	3618,160	3353,107	+ 7.9	28601,359R	27042,540	+ 5.8	3,281,181	3,154,597	+ 4.0	28,427,151R	26,906,874	+ 5.7
GRAND TOTAL	4134,437	3845,718	+ 7.5	33016,414R	31279,274	+ 5.6	3,800,812	3,647,037	+ 4.2	32,824,362R	31,135,083	+ 5.4

(1) Except phenolic resins which are reported on a gross weight basis

* These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

# Includes imputed data

** Sales and Captive Use figures include some Canadian produced material.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure
R Revision

n.c. = Not comparable

(4) The Publishing of PVOH data is temporarily suspended until further notice.

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In millions of pounds, dry weight basis)(1)

SEPTEMBER 1986

RESIN KIND	SEPTEMBER				YEAR TO DATE				
	Production	Imports	Exports*	Apparent Consumption	Production	Imports	Exports*	Apparent Consumption	Import % of Apparent Consumption
EPOXY RESINS, TOTAL	45	2	9	38	309	13	76	246	5
POLYESTER (UNSATURATED) RESINS, TOTAL	110	1	2	109	970 R	5	20	955	1
UREA RESINS, TOTAL	113	2	1	114	943	20	2	961	2
MELAMINE RESINS, TOTAL	15	0	1	14	129	2	15	116	2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	236	3	3	236	2,046 R	30	28	2,048	1
THERMOSETTING RESINS, TOTAL	519	8	16	511	4,397 R	70	141	4,326	2
LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	764	70	79	755	6,622 R	544	636	6,530	8
HIGH DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	624	3	65	562	5,331 R	31	662	4,700	1
POLYPROPYLENE, TOTAL	490	2	111	381	4,269 R	20	855	3,434	1
ACRYLONITRILE BUTADIENE STYRENE (ABS) RESINS, TOTAL	88	4	9	83	794	55	69	780	7
STYRENE ACRYLONITRILE (SAN) RESINS, TOTAL	9	0	2	7	66	0	11	55	0
OTHER STYRENICS	92	4	8	88	812	39	73	778	5
POLYSTYRENE, TOTAL	368	0	9	359	3,271	16	86	3,201	0
NYLON RESINS, TOTAL	36	3	6	33	348	20	49	319	6
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	627	10	36	601	5,381	171	248	5,304	3
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	61	2	4	59	529	17	55	491	3
POLYVINYL ALCOHOL, TOTAL	D(4)	-	-	-	D(4)	-	-	-	-
OTHER VINYL RESINS, TOTAL	16	2	6	12	148	29	38	139	21
THERMOPLASTIC POLYESTER, TOTAL	105	4	15	94	856	21	98	779	3
THERMOPLASTIC RESINS, TOTAL	3,280	104	350	3,034	28,427 R	963	2,880	26,510	4
GRAND TOTAL	3,799	112	366	3,545	32,824 R	1,033	3,021	30,836	3

(1) - Except phenolic resins which are reported on a gross weight basis

(4)- The Publishing of PVOH data has been temorarily suspended until further notice.

D - Disclosure

R - Revision

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

Sources:
Production - SPI Monthly Statistical Report
Imports - Bureau of Census IM 146
Exports - Bureau of Census EM 546

* - Bureau of Census exports will differ from the SPI exports as published on pages 4 through 11 of this report.

	Import No. (1)	Export No. (2)
Epoxy	409.0200	444.5410/444.5420
Polyester, Unsaturated	409.1000	444.6000
Urea	445.3540	444.5220
Melamine	445.3520	444.5210
Phenolic	409.0600	444.5810/444.5820
Low Density Polyethylene	445.3010	444.1610
High Density Polyethylene	445.3020	444.1620
Polypropylene	445.5200	444.1700
ABS	408.7200	444.2010
SAN	408.8100	444.2020
Other Styrenics	408.7600/408.8450	444.2050
Polystyrene	408.8420	444.2030/444.2040
Nylon	408.6100	444.1210
PVC	445.4600	444.2310/444.2320
Vinyl Acetate	445.4400	444.2120
Polyvinyl Alcohol	445.4200	444.2110
Other Vinyls	445.4800	444.2330
Thermoplastic Polyester	408.6800	444.1500

(1) Tariff Schedules of the U.S. Annotated
(2) Schedule B

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

September 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	September			YEAR TO DATE			September			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
EPOXY RESINS, TOTAL	36,842	29,950	+23.0	289,821	281,859	+2.8	45,266	33,867	+33.7	308,785	291,417	+ 6.0
Total Exports	7,661	2,624	+192.0	42,886	32,718	+31.1						
Captive Use, Total	1,104	1,355	-18.5	9,921	11,356	-12.6						
Domestic Sales, Total	28,077	25,971	+ 8.1	237,014	237,785	- 0.3						
Domestic Sales & Captive Use, Total	29,181	27,326	+ 6.8	246,935	249,141	- 0.9						
Bonding & Adhesives	2,067	1,227	+68.5	15,145	13,283	+14.0						
Flooring, Paving & Exposed Aggregate	1,730	1,259	+37.4	15,178	12,934	+17.3						
Protective Coatings	14,698	14,670	+ 0.2	124,881	130,697	- 4.4						
Fiber Reinforced Laminates & Composites, Total	5,689	5,688	+ 0.0	52,785	51,666	+ 2.2						
FRL&C for Printed Wiring Board	3,975	3,550	+12.0	36,127	32,962	+ 9.6						
All Other FRL&C	1,714	2,138	-19.8	16,658	18,704	-10.9						
Tooling, Casting & Molding Resins	2,228	1,903	+17.1	17,654	18,028	- 2.1						
All Other Uses	2,769	2,579	+ 7.4	21,292	22,533	- 5.5						
POLYESTER (UNSATURATED) RESINS, TOTAL	110,149	106,004	+ 3.9	966,318R	946,228	+ 2.1	110,071	102,544	+ 7.3	970,568R	938,582	+ 3.4
Total Exports	817	1,023	-20.1	7,240R	7,043	+ 2.8						
Total Domestic	109,332	104,981	+ 4.1	959,078R	939,185	+ 2.1						
General Purpose Resins, Total	93,930	89,174	+ 5.3	828,712R	819,010	+ 1.2						
General Purpose – Thixotropic	41,552	40,398	+ 2.9	367,509R	351,352	+ 4.6						
General Purpose – Press Molding	15,654	16,179	- 3.2	120,208R	120,781	- 0.5						
General Purpose – All Other	36,724	32,597	+12.7	340,995R	346,877	- 1.7						
Flame Retardant Resins	2,551	2,046	+24.7	19,505R	18,115	+ 7.7						
Chemical Resistant Resins	12,851	13,761	- 6.6	110,861R	102,060	+ 8.6						
Chemical Resistant Isophthalic Resins	10,505	11,081	- 5.2	90,017R	77,827	+15.7						
All Other Chemical Resistant Resins	2,346	2,680	-12.5	20,844R	24,233	-14.0						
Reinforced Plastics, Total	82,495	83,219	- 0.9	724,901R	727,329	- 0.3						
Non-Reinforced Plastics, Total	26,837	21,762	+23.3	234,177R	211,856	+10.5						

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R = Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)(1)

THERMOSETTING RESINS

September 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	September			YEAR-TO-DATE			September			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
UREA RESINS, TOTAL	113,783	109,386	+ 4.0	938,227	905,906	+ 3.6	113,383	109,744	+ 3.3	942,905	912,327	+ 3.4
MELAMINE RESINS, TOTAL	16,381	15,935	+ 2.8	141,712	145,186	- 2.4	14,875	15,305	- 2.8	128,764	143,296	-10.1
UREA & MELAMINE RESINS, TOTAL	130,164	125,321	+ 3.9	1,079,939	1,051,092	+ 2.7	128,258	125,049	+ 2.6	1,071,669	1,055,623	+ 1.5
Total Exports	D	D		D	D							
Total Domestic*	130,164	125,321	+ 3.9	1,079,939	1,051,092	+ 2.7						
Textile Treating & Coating Resins	1,930	741	+160.5	14,184	12,891	+10.0	2,357	1,532	+53.9	19,211	19,382	- 0.9
Paper Treating & Coating Resins	8,070	9,154	-11.8	73,873	76,317	- 3.2	8,691	9,329	- 6.8	75,095	81,876	- 8.3
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	102,118	96,988	+ 5.3	837,852	795,677	+ 5.3	101,000	97,256	+ 3.8	834,085	797,736	+ 4.6
Laminating	4,[illegible]19	4,025	+ 4.8	32,658	33,418	- 2.3	4,146	4,023	+ 3.1	30,770	33,192	- 7.3
Plywood	5,556	5,485	+ 1.3	45,007	43,207	+ 4.2	5,584	5,524	+ 1.1	45,2[illegible]	43,410	+ 4.2
Fibrous & Granulated Wood (Particle Board)	92,343	87,478	+ 5.6	760,187	719,052	+ 5.7	91,270	87,709	+ 4.1	758,101	721,134	+ 5.1
Protective Coatings (Straight & Modified)	8,543	7,265	+17.6	77,586	67,559	+14.8	7,467	7,143	+ 4.5	75,171	70,642	+ 6.4
All Other Uses (Includes Molding Compounds, and Exports)	9,503	11,173	-14.9	76,444	98,648	-22.5	8,743	9,789	-10.7	68,107	85,987	-20.8
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	239,122	231,336	+ 3.4	2,078,977R	1,957,555	+ 6.2	236,036	230,980	+ 2.2	2,046,289R	1,942,587	+ 5.[illegible]
Total Exports	1,637	1,534	+ 6.7	11,253	16,215	-30.6						
Total Domestic	237,485	229,802	+ 3.3	2,067,724R	1,941,340	+ 6.5						
Molding Compounds	18,143	17,806	+ 1.9	153,979R	158,134	- 2.6	18,814	18,561	+ 1.4	159,900R	162,797	- 1.8
Bonding & Adhesive Resins for:	191,927	205,934	- 6.8	1,810,371	1,732,605	+ 4.5	189,462	206,079	- 8.1	1,781,978	1,728,680	+ 3.1
Laminating	16,339	12,236	+33.5	149,236	106,570	+40.0	14,353	10,769	+33.3	125,026	94,428	+32.4
Coated & Bonded Abrasives	1,596	1,298	+23.0	13,966	12,442	+12.2	1,606	1,300	+23.5	14,031	12,476	+12.5
Friction Materials	2,701	2,179	+24.0	22,032	20,234	+ 8.9	2,581	2,428	+ 6.3	21,436	20,386	+ 5.2
Insulation Materials	35,515	41,152	-13.7	311,384	309,477	+ 0.6	35,652	41,261	-13.6	304,741	312,163	- 2.4
Foundry & Shell Molding	2,991	5,792	-48.4	31,565	58,580	-46.1	2,989	6,136	-51.3	31,425	60,622	-48.2
Plywood	106,602	107,900	- 1.2	955,631	926,474	+ 3.1	105,818	108,301	- 2.3	956,377	927,631	+ 3.1
Fibrous & Granulated Wood	20,653	18,819	+ 9.7	190,438	158,692	+20.0	21,618	19,137	+13.0	194,617	158,718	+22.6
Resins Sold to Rubber Industry	2,681	2,978	-10.0	23,700	21,189	+11.9	1,975	2,950	-33.1	21,492	22,744	- 5.5
All Other	2,849	13,580	-79.0	112,419	118,947	- 5.5	2,870	13,797	-79.2	112,833	119,512	- 5.6
Protective Coatings - Unmodified & Modified	2,194	1,999	+ 9.8	17,153	17,614	- 2.6	2,181	1,994	+ 9.4	16,954	17,636	- 3.9
Resins Sold to Rubber Industry, Non Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	25,221	4,063	+520.7	86,221	32,987	+161.4	25,579	4,346	+488.6	87,457	33,474	+161.3

(1) - Except phenolic resins which are reported on a gross weight basis

* - Domestic total includes exports.

# Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non Adhesive Uses.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D - Disclosure
R - Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

September 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	September			YEAR TO DATE			September			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	84 061	873,314	- 3.3	6,621,518R	6,653,537	- 0.5	764,345	783,216	- 2.4	6,621,919R	6,606,743	+ 0.2
Total Exports	80,148	95,607	-16.2	715,130R	917,338	-22.0						
Total Domestic	763,913	777,707	- 1.8	5,906,388R	5,736,199	+ 3.0						
Film (12 Mils & Below)	483,522	515,058	- 6.1	3,585,004	3,574,749	+ 0.3						
Sheet (Over 12 Mils)	D(3)	D(3)		D(3)	D(3)							
Injection Molding	50,890	56,284	- 9.6	432,651	434,136	- 0.3						
Wire & Cable	28,209	26,862	+ 5.0	257,500	260,244	- 1.1						
Extrusion Coating	63,349	59,994	+ 5.6	505,227	492,267	+ 2.6						
Blow Molding	2,822	4,360	-35.3	29,512	36,501	-19.1						
Pipe & Conduit, Total	1,229	3,757	-67.3	22,163	24,787	-10.6						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	10,293	10,642	- 3.3	85,073	65,675	+29.5						
Resellers & Compounders	60,373	*		461,632	*							
All Other Uses	63,226	100,750	-37.2	527,626	847,840	-37.8						
HIGH DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	689,237	665,572	+ 3.6	5,256,686R	4,973,898	+ 5.7	624,086	602,773	+ 3.5	5,330,574R	5,002,648	+ 6.6
Total Exports	62,728	85,284	-26.4	660,919	636,390	+ 3.9						
Total Domestic	626,509	580,288	+ 8.0	4,595,767R	4,337,508	+ 6.0						
Film (12 Mils & Below)	48,003	43,059	+11.5	354,864	321,623	+10.3						
Sheet (Over 12 Mils)	20,318	15,318	+32.6	133,649	101,795	+31.3						
Injection Molding	172,165	179,609	- 4.1	1,189,813	1,180,293	+ 0.8						
Wire & Cable	11,024	8,915	+23.7	93,107	87,717	+ 6.1						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	232,621	216,027	+ 7.7	1,788,934	1,660,817	+ 7.7						
Pipe & Conduit, Total	50,843	50,189	+ 1.3	347,822R	372,792	- 6.7						
Corrugated Pipe & Conduit	18,993	12,267	+54.8	120,230R	100,470	+19.7						
Non-Corrugated Pipe & Conduit	31,850	37,922	-16.0	227,592	272,322	-16.4						
Other Extruded Products	3,647	3,213	+13.5	31,543	30,382	+ 3.8						
Resellers & Compounders	49,283	*		394,307	*							
All Other Uses	38,605	63,958	-39.6	261,728	582,089	-55.0						

(2) = Included in Other Extruded Products
(3) = Included in Film
* = 1985 data not available

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure
R = Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

September 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	September			YEAR TO DATE			September			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
POLYPROPYLENE, TOTAL	552,343	459,065	+20.3	4,315,097R	3,910,202	+10.4	490,366	442,224	+10.9	4,269,422R	3,819,778	+11.8
Total Exports	103,420	94,678	+ 9.2	834,533R	665,333	+25.4						
Total Domestic	448,923	364,387	+23.2	3,480,564R	3,244,869	+ 7.3						
Injection Molding	116,051	106,459	+ 9.0	957,388	952,447	+ 0.5						
Appliances	11,155	9,616	+16.0	94,399	86,141	+ 9.6						
Consumer Products	27,639	22,871	+20.8	234,676	231,663	+ 1.3						
Rigid Packaging	40,742	34,810	+17.0	327,818	292,056	+12.2						
Transportation	26,610	29,107	- 8.6	218,529	252,162	-13.3						
All Other Injection Molding	9,905	10,055	- 1.5	81,966	90,425	- 9.4						
Blow Molding	8,326	6,841	+21.7	77,051	79,267	- 2.8						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	40,742	28,153	+44.7	378,955	289,443	+30.9						
Sheet (Over 10 Mils)	4,110	3,741	+ 9.9	29,326	33,541	-12.6						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	150,257	119,380	+25.9	1,112,855	1,068,184	+ 4.2						
Textile Applications	142,704	109,473	+30.4	1,021,346	987,016	+ 3.5						
Non-Textile Monofilaments	7,553	9,907	-23.8	91,509	81,168	+12.7						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	15,375	7,725	+99.0	73,625	66,914	+10.0						
Resellers & Compounders	96,346	73,283	+31.5	722,483R	611,707	+18.1						
All Other Uses	17,716	18,805	- 5.8	128,881	143,366	-10.1						

- Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D Disclosure
R Revision

SPI

CRS

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

September 1986

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	September			YEAR TO DATE			September			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
ACRYLONITRILE BUTADIENE STYRENE (ABS) RESINS, TOTAL	96,222	83,371	+15.4	789,258	775,867	+ 1.7	88,438	75,378	+17.3	793,880	793,931	- 0.0
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE ACRYLONITRILE (SAN) RESINS, TOTAL	8,863	6,416	+38.1	59,231	65,743	- 9.9	8,652	6,240	+38.7	65,321	65,766	- 0.7
Total Exports	1,893	445	+325.4	7,616	6,424	+18.6						
Total Domestic	6,970	5,971	+16.7	51,615	59,319	-13.0						
POLYSTYRENE RESINS, TOTAL	415,075	363,744	+14.1	3,338,020	3,064,900	+ 8.9	367,666	348,158	+ 5.6	3,271,231	[illegible]	+ 8.0
Straight Polystyrene	213,760	192,486	+11.1	1,747,709	1,581,431	+10.5	198,735	183,424	+ 8.3	1,749,956	1,578,763	+10.8
Rubber-Modified Polystyrene	201,315	171,258	+17.6	1,590,311	1,483,469	+ 7.2	168,931	164,734	+ 2.5	1,521,275	1,448,959	+ 5.0
Total Exports	9,342	6,683	+39.8	83,359	63,824	+30.6						
Straight Polystyrene	7,038	4,179	+68.4	56,235	35,284	+59.4						
Rubber-Modified Polystyrene	2,304	2,504	-8.0	27,124	28,540	-5.0						
Total Domestic	405,733	357,061	+13.6	3,254,661	3,001,076	+8.4						
Molding	165,657	124,996	+32.5	1,167,647	1,040,795	+12.2						
Extrusion	164,921	149,213	+10.5	1,451,907	1,294,597	+12.2						
Expandable Polystyrene Beads	45,912	53,816	-14.7	367,293	388,579	-5.5						
All Other Uses	29,243	29,036	+0.7	267,814	277,105	-3.4						
Polystyrene End Uses, Total**	405,733	357,061	+13.6	3,254,661	3,001,076	+8.4						
Packaging	110,933	84,845	+30.7	812,529	713,358	+13.9						
Disposables	48,650	41,091	+18.4	425,661	351,579	+21.1						
Consumer and Institutional Products	61,099	54,555	+12.0	444,020	501,657	-11.5						
Electrical/Electronics	42,212	30,698	+37.5	298,233	236,255	+26.2						
Furniture, Furnishings, Building & Construction	23,206	13,060	+77.7	172,358	112,528	+53.2						
Expandable Polystyrene Beads	45,912	53,816	-14.7	367,293	388,579	-5.5						
Resellers and Compounders	57,318	48,864	+17.3	380,342	396,279	-4.0						
All Other End Uses	16,403	30,132	-45.6	354,225	300,841	+17.7						

** = Portions of the End Use Section are estimated.

R - Revision

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

September 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	September			YEAR TO DATE			September			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
STYRENE BASED LATEXES, TOTAL	78,390	71,926	+ 9.0	644,164	600,068	+ 7.3	67,372	63,348	+ 6.4	601,426	550,715	+ 9.2
Paper Treating	4,438	3,479	+27.6	41,175	29,511	+39.5						
Textile Treating	1,569	1,456	+ 7.8	14,071	13,001	+ 8.2						
Carpet Backing	31,671	28,855	+ 9.8	239,007	232,512	+ 2.8						
All Other Uses (Including Exports & Paper Coating)	40,712	38,136	+ 6.8	349,911	325,044	+ 7.7						
OTHER STYRENE BASED POLYMERS, TOTAL * 40% or more styrene	25,189	24,176	+ 4.2	214,340	202,904	+ 5.6	24,873	20,868	+19.2	211,157	201,505	[illegible]
Total Export	D	D		D	D							
Total Domestic	25,189	24,176	+ 4.2	214,340	202,904	+ 5.6						
Molding & Extrusion	20,237	18,599	+ 8.8	170,740	155,600	+ 9.7						
Coatings	4,952	5,577	-11.2	43,600	47,304	- 7.8						
NYLON RESINS, TOTAL	35,333	36,142	- 2.2	327,533R	300,129	+ 9.1	36,404	33,458	+ 8.8	348,690	296,771	+17.5
Total Exports	2,543	2,510	+ 1.3	24,433R	18,484	+32.2						
Total Domestic	32,790	33,632	- 2.5	303,100R	281,645	+ 7.6						
Injection Molding Grade	21,389	22,147	- 3.4	201,211R	186,255	+ 8.0						
Extrusion Grade	9,258	9,311	- 0.6	84,184R	76,925	+ 9.4						
Resellers and Compounders	1,804	1,532	+17.8	13,004	12,952	+ 0.4						
All Other Uses	339	642	-47.2	4,701	5,513	-14.7						

*** - Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

* - Exports are included in Total Domestic and Molding & Extrusion.

Styrene Based Latexes sales includes some Canadian produced material.

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D Disclosure
R Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

September 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	September			YEAR TO DATE			September			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	695,009	602,789	+15.3	5,514,552	5,015,369	+10.0	626,756	620,851	+ 1.0	5,380,952R	5,056,753	+ 6.4
Homopolymer Resins Including Blending & Latex	640,193	543,552	+17.8	5,064,317	4,543,701	+11.5	577,285	560,247	+ 3.0	4,945,586R	4,584,397	+ 7.9
Copolymer Resins Including Blending & Latex	18,754	26,132	-28.2	153,993	196,804	-21.8	17,167	29,246	-41.3	147,569	199,690	-26.1
Dispersion Resins	36,062	33,105	+ 8.9	296,242	274,864	+ 7.8	32,304	31,358	+ 3.0	287,797	272,666	+ 5.5
Total Exports	37,800	32,701	+15.6	260,961	218,574	+19.4						
Total Domestic	657,209	570,088	+15.3	5,253,591	4,796,795	+ 9.5						
Calendering, Total	58,203	63,608	- 8.5	533,186	504,434	+ 5.7						
Flooring	14,545	14,941	- 2.7	122,309	117,531	+ 4.1						
Textile	7,578	5,226	+45.0	59,366	52,862	+12.3						
All Other Calendering Uses	36,080	43,441	-16.9	351,511	334,041	+ 5.2						
Coating, Total	31,394	27,537	+14.0	238,598	221,294	+ 7.8						
Flooring	14,016	12,151	+15.3	102,243	90,502	+13.0						
Textile & Paper Coating	8,941	8,206	+ 9.0	71,420	66,293	+ 7.7						
Protective Coatings	4,492	4,027	+11.5	34,759	33,979	+ 2.3						
Adhesives & All Other Coating Uses	3,945	3,153	+25.1	30,176	30,520	- 1.1						
Extrusion, Total	444,800	394,645	+12.7	3,535,379	3,355,401	+ 5.4						
Wire & Cable	38,927	38,532	+ 1.0	308,987	338,727	- 8.8						
Film & Sheet	24,503	17,129	+43.0	186,229	168,170	+10.7						
Siding & Siding Accessories	43,524	42,934	+ 1.4	357,903	349,348	+ 2.4						
Rigid Pipe & Tubing (Except Fittings)	294,294	249,168	+18.1	2,283,225	2,107,538	+ 8.3						
All Other Extrusions	43,552	46,882	- 7.1	399,035	391,618	+ 1.9						
Molding, Total	39,976	39,502	+ 1.2	367,561	351,724	+ 4.5						
Bottles	16,578	12,242	+35.4	147,656	122,462	+20.6						
Sound Records	2,988	7,306	-59.1	31,172	49,469	-37.0						
Fittings (Rigid Pipe & Tubing)	11,215	14,165	-20.8	104,157	127,401	-18.2						
All Other Molding	9,195	5,789	+58.8	84,576	52,392	+61.4						
Paste Processes (Except Coating)	13,502	12,623	+ 7.0	115,387	116,667	- 1.1						
Plastisol Formulation	5,962	6,179	- 3.5	56,951	58,235	- 2.2						
All Other	7,540	6,444	+17.0	58,436	58,432	+ 0.0						
Resellers & Compounders	34,043	9,232	+268.7	216,383	68,228	+217.1						
All Other Uses	35,291	22,941	+53.8	247,097	179,047	+38.0						

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R Revision

SPI

CRS

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

SEPTEMBER 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	SEPTEMBER			YEAR TO DATE			SEPTEMBER			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	61,269	55,991	+ 9.4	528,697	517,641	+ 2.1	61,269	55,991	+ 9.4	528,697	517,641	+ 2.1
Total Exports	240	529	-54.6	3,163	4,914	-35.6						
Total Domestic #	61,029	55,462	+10.0	525,534	512,727	+ 2.5						
Emulsion Paints	20,895	17,404	+20.1	181,438	157,821	+15.0						
Adhesives, Caulks and Sealants	22,887	22,486	+ 1.8	196,041	202,316	- 3.1						
Paper Treating & Paper Coating	9,843	8,598	+14.5	80,371	83,983	- 4.3						
Textile Treating	2,747	2,468	+11.3	25,408	24,248	+ 4.8						
Non-Woven Binders	D	D		D	D							
All Other Uses .	4,657	4,506	+ 3.4	42,276	44,359	- 4.7						
POLYVINYL ALCOHOL, TOTAL #	D(4)	12,995	n.c.	D(4)	110,048	n.c.	D(4)	13,782	n.c.	D(4)	108,751	n.c.
Total Exports	D(4)	2,082		D(4)	21,661							
Total Domestic	D(4)	10,913		D(4)	88,387							
OTHER VINYL RESINS*, TOTAL	12,374	17,760	-30.3	138,831	145,620	- 4.7	15,807	15,519	+ 1.9	147,987	142,633	+ 3.8
Total Exports	3,483	3,531	- 1.4	37,753	36,185	+ 4.3						
Total Domestic	8,891	14,229	-37.5	101,078	109,435	- 7.6						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	104,795	79,846	+31.2	853,432	706,614	+20.8	105,147	72,791	+44.5	855,895	715,817	+19.6
Total Exports	13,208	9,340	+41.4	117,267	85,602	+37.0						
Total Domestic	91,587	70,506	+29.9	736,165	621,012	+18.5						
PET Bottle Grades	67,790	51,412	+31.9	527,353	462,555	+14.0						
All Other Thermoplastic Polyester**	23,797	19,094	+24.6	208,812	158,457	+31.8						

** - Includes All Other PET and All Injection Molding Grades
# - Includes imputed data

(1) - Included in All Other Uses

(4) = The Publishing of PVOH data is temporarily suspended until further notice.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R Revision
D = Disclosure
N.C. = Not Comparable

SECTION I

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS

EPOXY (UNMODIFIED) RESINS	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
HIGH-DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS)	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BUTADIENE LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENE BASED LATEXES - over 50% styrene including styrene butadiene latexes not carboxylated	OTHER SBL
OTHER STYRENE BASED POLYMERS - over 40% styrene and used in molding and extrusion processes	OTHER SBP
NYLON RESINS	NYLON
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAc
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS

CATEGORY	CODE
Production	P
Domestic Sales	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.

A8920 . 5
1/6/87

The Society of the
Plastics Industry, Inc.

SPI

MonthlyStatisticalReport-Resins

355 Lexington Avenue
New York New York 10017
(212) 503-0600

FOR THE MONTH AND PERIOD ENDED
OCTOBER 1986

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

**SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY**

RELEASE DATE: December 18, 1986

The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

PART 300/400
NON-PART 400/500

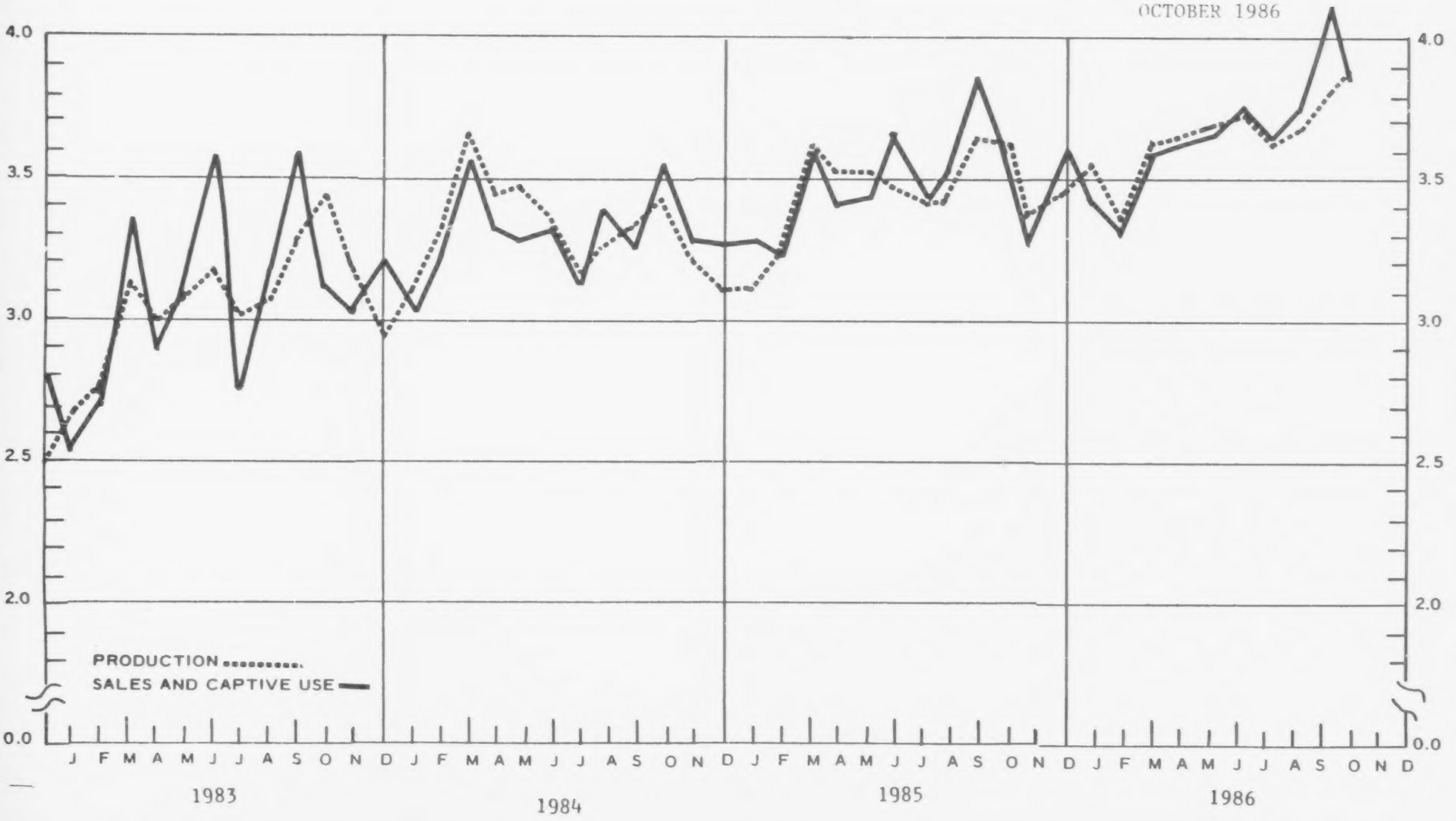
SPI **SECTION I** **CRS**

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)



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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)(1)

October 1986

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	October			YEAR TO DATE			October			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
EPOXY RESINS, TOTAL	31,597	32,552	- 2.9	321,470R	314,411	+ 2.2	29,550	26,311	+12.3	338,456R	317,728	+ 6.5
POLYESTER (UNSATURATED) RESINS, TOTAL	111,723	107,951	+ 3.5	1,078,041	1,054,129	+ 2.1	113,997	109,804	+ 3.8	1,084,465	1,048,386	+ 3.4
UREA RESINS, TOTAL	115,874	107,675	+ 7.6	1,054,124R	1,013,581	+ 4.0	116,273	107,453	+ 8.2	1,059,208R	1,019,780	+ 3.9
MELAMINE RESINS, TOTAL	19,532	18,022	+ 8.4	161,244	163,208	- 1.2	17,188	18,877	- 8.9	145,952	162,173	-10.0
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	253,400	247,132	+ 2.5	2,333,788R	2,204,687	+ 5.9	248,198	244,007	+ 1.7	2,295,898R	2,186,594	+ 5.0
THERMOSETTING RESINS, TOTAL	532,126	513,332	+ 3.7	4,958,667R	4,750,066	+ 4.2	525,206	506,452	+ 3.7	4,923,979R	4,734,661	+ 4.0
LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	755,213	730,760	+ 3.4	7,376,309R	7,385,297	- 0.1	772,268	782,520	- 1.3	7,394,187	7,389,263	+ 0.0
HIGH DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	578,683	533,560	+ 8.5	5,835,005R	5,507,458	+ 5.9	642,097	570,536	+12.5	5,972,283R	5,573,184	+ 7.2
POLYPROPYLENE, TOTAL	516,741	439,201	+17.7	4,831,413R	4,349,403	+11.1	503,939	446,584	+12.8	4,772,990R	4,266,362	+11.9
ACRYLONITRILE BUTADIENE STYRENE (ABS) RESINS, TOTAL	99,571	82,466	+20.7	888,829R	858,311	+ 3.6	100,026	66,284	+50.9	893,906	860,215	+ 3.9
STYRENE ACRYLONITRILE (SAN) RESINS, TOTAL	7,964	7,811	+ 2.0	67,195	73,554	- 8.6	7,995	7,854	+ 1.8	73,315	73,620	- 0.4
POLYSTYRENE RESINS, TOTAL	395,030	354,672	+11.4	3,733,050	3,419,522	+ 9.2	402,985	339,403	+18.7	3,674,216	3,367,125	+ 9.1
STYRENE BASED LATEXES, TOTAL **	79,266	73,455	+ 7.9	724,762R	673,523	+ 7.6	77,095	72,038	+ 7.0	679,853R	622,751	+ 9.2
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	24,653	24,110	+ 2.3	238,993	227,014	+ 5.3	25,235	28:520	-11.5	236,392	229,725	+ 2.9
NYLON RESINS, TOTAL	41,026	36,200	+13.3	371,975R	336,329	+10.6	41,874	35,819	+16.9	390,564	332,590	+17.4
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	658,955	570,066	+15.6	6,158,385R	5,585,435	+10.3	613,222	608,489	+ 0.8	5,994,174	5,665,242	+ 5.8
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	58,409	60,406	- 3.3	588,635R	578,047	+ 1.8	* 58,409	* 60,406	- 3.3	* 588,635R	* 578,047	+ 1.8
POLYVINYL ALCOHOL, TOTAL #	D(4)	13,092	n.c.	D(4)	123,140	n.c.	D(4)	9,555	n.c.	D(4)	118,306	n.c.
OTHER VINYL RESINS, TOTAL	15,923	14,262	+11.6	154,754	159,889	- 3.2	14,755	17,025	-13.3	162,742	159,658	+ 1.9
THERMOPLASTIC POLYESTER, TOTAL	103,615	83,217	+24.5	957,047	789,831	+21.2	105,522	80,216	+31.5	961,417	796,033	+20.8
THERMOPLASTIC RESINS, TOTAL	3,335,549	3,023,285	+10.3	31,926,351R	30,065,825	+ 6.2	3,365,421	3,125,249	+ 7.7	31,794,674R	30,032,123	+ 5.9
GRAND TOTAL	3,867,675	3,536,617	+ 9.4	36,875,018R	34,815,891	+ 5.9	3,890,627	3,631,701	+ 7.1	36,718,653R	34,766,784	+ 5.6

(1) - Except phenolic resins which are reported on a gross weight basis

* - These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

# = Includes imputed data

** - Sales and Captive Use figures include some Canadian produced material.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure
R = Revision
n.c. - Not Comparable

(4) The Publishing of PVOH data has been temporarily suspended.

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In millions of pounds, dry weight basis)(1)

October 1986

RESIN KIND	October				YEAR-TO-DATE				
	Production	Imports	Exports*	Apparent Consumption	Production	Imports	Exports*	Apparent Consumption	Import % of Apparent Consumption
EPOXY RESINS, TOTAL	30	1	8	23	338R	14	84	268	5
POLYESTER (UNSATURATED) RESINS, TOTAL	114	1	2	113	1,084	6	22	1,068	1
UREA RESINS, TOTAL	116	2	0	118	1,059R	22	2	1,079	2
MELAMINE RESINS, TOTAL	17	0	1	16	146	2	16	132	2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	248	4	4	248	2,296R	34	32	2,298	1
THERMOSETTING RESINS, TOTAL	525	8	15	518	4,923R	78	156	4,845	2
LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	272	67	85	254	7,394	611	721	7,284	8
HIGH DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	642	3	51	594	5,972R	34	713	5,293	1
POLYPROPYLENE, TOTAL	504	2	109	397	4,773R	22	964	3,831	1
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	100	4	10	94	894	59	79	874	7
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	8	0	1	7	73	0	12	61	0
OTHER STYRENICS	102	3	6	99	916	42	79	879	5
POLYSTYRENE, TOTAL	403	0	9	394	3,674	16	95	3,595	0
NYLON RESINS, TOTAL	42	2	6	38	391	22	55	358	6
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	613	12	33	592	5,994	183	281	5,896	3
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	58	1	7	52	589R	18	62	545	3
POLYVINYL ALCOHOL, TOTAL	D(4)	--	--	--	D(4)	--	--	--	--
OTHER VINYL RESINS, TOTAL	15	3	5	13	163	32	43	152	21
THERMOPLASTIC POLYESTER, TOTAL	106	2	10	98	961	23	108	876	3
THERMOPLASTIC RESINS, TOTAL	3,365	99	332	3,132	31,794R	1,062	3,212	29,644	4
GRAND TOTAL	3,890	107	347	3,650	36,717R	1,140	3,368	34,489	3

(1) = Except phenolic resins which are reported on a gross weight basis

(4) = The publishing of PVOH data has been temporarily suspended.

D = Disclosure
R = Revision

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

Sources: Production – SPI Monthly Statistical Report
Imports – Bureau of Census IM 146
Exports – Bureau of Census EM 546

* = Bureau of Census exports will differ from the SPI exports as published on pages 4 through 11 of this report.

	Import No. (1)	Export No. (2)
Epoxy	409.0200	444.5410/444.5420
Polyester, Unsaturated	409.1000	444.6000
Urea	445.3540	444.5220
Melamine	445.3520	444.5210
Phenolic	409.0600	444.5810/444.5820
Low Density Polyethylene	445.3010	444.1610
High Density Polyethylene	445.3020	444.1620
Polypropylene	445.5200	444.1700
ABS	408.7200	444.2010
SAN	408.8100	444.2020
Other Styrenics	408.7600/408.8450	444.2050
Polystyrene	408.8420	444.2030/444.2040
Nylon	408.6100	444.1210
PVC	445.4600	444.2310/444.2320
Vinyl Acetate	445.4400	444.2120
Polyvinyl Alcohol	445.4200	444.2110
Other Vinyls	445.4800	444.2330
Thermoplastic Polyester	408.6800	444.1500

(1) Tariff Schedules of the U.S. Annotated
(2) Schedule B

SPI CRS

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS October 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	October			YEAR TO DATE			October			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
EPOXY RESINS, TOTAL	31,597	32,552	- 2.9	321,470R	314,411	+ 2.2	29,550	26,311	+12.3	338,456R	317,728	+ 6.5
Total Exports	3,597	3,220	+11.7	46,524R	35,938	+29.5						
Captive Use, Total	1,099	1,459	-24.7	11,020	12,815	-14.0						
Domestic Sales, Total	26,901	27,873	- 3.5	263,926R	265,658	- 0.7						
Domestic Sales & Captive Use, Total	28,000	29,332	- 4.5	274,946R	278,473	- 1.3						
Bonding & Adhesives	1,539	1,458	+ 5.6	16,684	14,741	+13.2						
Flooring, Paving & Exposed Aggregate	1,796	1,443	+24.5	16,974	14,377	+18.1						
Protective Coatings	13,957	15,092	- 7.5	138,845R	145,789	- 4.8						
Fiber Reinforced Laminates & Composites, Total	5,885	6,630	-11.2	58,664	58,296	+ 0.6						
FRL&C for Printed Wiring Board	4,265	4,023	+ 6.0	40,392	36,985	+ 9.2						
All Other FRL&C	1,620	2,607	-37.9	18,272R	21,311	-14.3						
Tooling, Casting & Molding Resins	2,043	2,066	- 1.1	19,697	20,094	- 2.0						
All Other Uses	2,780	2,643	+ 5.2	24,082R	25,176	- 4.3						
POLYESTER (UNSATURATED) RESINS, TOTAL	111,723	107,951	+ 3.5	1,078,041	1,054,179	+ 2.3	113,997	109,804	+ 3.8	1,084,465	1,048,386	+ 3.4
Total Exports	723	696	+ 3.9	7,963	7,739	+ 2.9						
Total Domestic	111,000	107,255	+ 3.5	1,070,078	1,046,440	+ 2.3						
General Purpose Resins, Total	96,424	93,014	+ 3.7	925,136	912,024	+ 1.4						
General Purpose - Thixotropic	43,242	40,929	+ 5.7	410,751	392,281	+ 4.7						
General Purpose - Press Molding	11,071	14,126	-21.6	131,279	134,907	- 2.7						
General Purpose - All Other	42,111	37,959	10.9	383,106	384,836	- 0.4						
Flame Retardant Resins	2,123	2,035	+ 4.3	21,628	20,150	+ 7.3						
Chemical Resistant Resins	12,453	12,206	+ 2.0	123,314	114,266	+ 7.9						
Chemical Resistant Isophthalic Resins	10,120	8,987	+12.6	100,137	86,814	+15.3						
All Other Chemical Resistant Resins	2,333	3,219	-27.5	23,177	27,452	-15.6						
Reinforced Plastics, Total	82,582	83,984	- 1.7	807,483	811,313	- 0.5						
Non Reinforced Plastics, Total	28,418	23,271	+22.1	262,595	235,127	+11.7						

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

THERMOSETTING RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	October			YEAR TO DATE			October			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
UREA RESINS, TOTAL	115,874	107,675	+ 7.6	1,054,124R	1,013,581	+ 4.0	116,273	107,453	+ 8.2	1,059,208R	1,019,780	+ 3.9
MELAMINE RESINS, TOTAL	19,532	18,022	+ 8.4	161,244R	163,208	- 1.2	17,188	18,877	- 8.9	145,952R	162,173	-10.0
UREA & MELAMINE RESINS, TOTAL	135,406	125,697	+ 7.7	1,215,368R	1,176,789	+ 3.3	133,461	126,330	+ 5.6	1,205,160R	1,181,953	+ 2.0
Total Exports	D	D		D	D							
Total Domestic*	135,406	125,697	+ 7.7	1,215,368R	1,176,789	+ 3.3						
Textile Treating & Coating Resins	3,148	1,849	+70.3	17,332	14,740	+17.6	2,783	2,407	+15.6	21,994	21,789	+ 0.9
Paper Treating & Coating Resins	7,745	7,862	- 1.5	81,615R	84,179	- 3.0	7,613	8,049	- 5.4	82,712R	89,925	- 8.0
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	104,131	94,610	+10.1	942,009R	890,287	+ 5.8	104,103	94,627	+10.0	938,214R	892,363	+ 5.1
Laminating	5,182	4,650	+11.4	37,840	38,068	- 0.6	5,019	4,625	+ 8.5	35,789	37,817	- 5.4
Plywood	5,628	5,004	+12.5	50,635	48,211	+ 5.0	5,757	5,077	+13.4	50,971	48,487	+ 5.1
Fibrous & Granulated Wood (Particle Board)	93,321	84,956	+ 9.8	853,534R	804,008	+ 6.2	93,327	84,925	+ 9.9	851,454R	806,059	+ 5.6
Protective Coatings (Straight & Modified)	9,693	8,323	+16.5	87,279	75,882	+15.0	9,820	9,616	+ 2.1	84,991	80,258	+ 5.9
All Other Uses (Includes Molding Compounds, and Exports)	10,689	13,053	-18.1	87,133	111,701	-22.0	9,142	11,631	-21.4	77,249	97,618	-20.9
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	253,400	247,132	+ 2.5	2,333,788R	2,204,687	+ 5.9	248,198	244,007	+ 1.7	2,295,898R	2,186,594	+ 5.0
Total Exports	2,002	1,459	+37.2	13,255	17,674	-25.0						
Total Domestic	251,398	245,673	+ 2.3	2,320,533R	2,187,013	+ 6.1						
Molding Compounds	19,275	18,779	+ 2.6	173,254	176,913	- 2.1	20,272	19,396	+ 4.5	180,172	182,193	- 1.1
Bonding & Adhesive Resins for:	228,131	221,156	+ 3.2	2,111,286R	1,953,761	+ 8.1	223,615	218,947	+ 2.1	2,078,377R	1,947,627	+ 6.7
Laminating	18,202	13,496	+34.9	168,067R	120,066	+40.0	14,685	11,657	+26.0	140,340R	106,085	+32.3
Coated & Bonded Abrasives	1,730	1,446	+19.6	15,697R	13,888	+13.0	1,739	1,449	+20.0	15,771R	13,925	+13.3
Friction Materials	2,604	2,443	+ 6.6	24,636	22,677	+ 8.6	2,326	2,522	- 7.8	23,762	22,908	+ 3.7
Insulation Materials	37,363	40,771	- 8.4	349,207R	350,248	- 0.3	37,219	40,961	- 9.1	342,420R	353,124	- 3.0
Foundry & Shell Molding	4,020	6,384	-37.0	35,667R	64,964	-45.1	3,939	6,578	-40.1	35,446R	67,200	-47.3
Plywood	136,284	115,855	+17.6	1,225,300R	1,042,329	+17.6	135,311	115,117	+17.5	1,225,073R	1,042,748	+17.5
Fibrous & Granulated Wood	20,189	21,962	- 8.1	210,627	180,654	+16.6	19,922	21,749	- 8.4	214,539	180,467	+18.9
Resins Sold to Rubber Industry	2,342	2,511	- 6.7	26,042	23,700	+ 9.9	2,962	2,695	+ 9.9	24,454	25,439	- 3.9
All Other	5,397	16,288	-66.9	56,043R	135,235	-58.6	5,512	16,219	-66.0	56,572R	135,731	-58.3
Protective Coatings – Unmodified & Modified	2,326	1,981	+17.4	19,479	19,595	- 0.6	2,311	1,981	+16.7	19,265	19,617	- 1.8
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	1,666	3,757	-55.7	16,514R	36,744	-55.1	2,000	3,683	-45.7	18,084R	37,157	-51.3

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

= Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

October 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	October			YEAR TO DATE			October			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	755,713	730,760	+ 3.4	7,376,309 R	7,384,297	- 0.1	772,268	782,520	- 1.3	7,394,187	7,389,263	+ 0.0
Total Exports	67,420	65,265	+ 3.3	782,550	982,603	-20.4						
Total Domestic	698,293	665,495	+ 3.4	6,593,759 R	6,401,694	+ 3.0						
Film (12 Mils & Below)	439,206	428,394	+ 2.5	4,024,210	4,003,143	+ 0.5						
Sheet (Over 12 Mils)	D(3)	D(3)		D(3)	D(3)							
Injection Molding	40,307	53,172	-24.2	472,958	487,308	- 2.9						
Wire & Cable	28,811	29,973	- 3.9	286,311	290,217	- 1.3						
Extrusion Coating	61,449	49,721	+23.6	566,676	541,988	+ 4.6						
Blow Molding	3,638	3,197	+13.8	33,150	39,698	-16.5						
Pipe & Conduit, Total	3,019	1,646	+83.4	25,182	26,433	- 4.7						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	9,684	14,099	-31.3	94,757	79,774	+18.8						
Resellers & Compounders	42,072	*		502,782 R	*							
All Other Uses	60,107	85,293	-29.5	587,733	933,133	-37.0						
HIGH DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	578,683	533,560	+ 8.5	5,835,005 R	5,507,458	+ 5.9	642,097	570,536	+12.5	5,972,283 R	5,573,184	+ 7.2
Total Exports	59,269	69,951	-15.3	720,188	706,341	+ 2.0						
Total Domestic	519,414	463,609	+12.0	5,114,817 R	4,801,117	+ 6.5						
Film (12 Mils & Below)	50,254	36,408	+38.0	405,118	358,031	+13.2						
Sheet (Over 12 Mils)	14,937	11,069	+34.9	148,586	112,864	+31.7						
Injection Molding	116,136	111,673	+ 4.0	1,305,949	1,291,966	+ 1.1						
Wire & Cable	9,481	10,480	- 9.5	102,588	98,197	+ 4.5						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	220,952	195,839	+12.8	2,009,886	1,856,656	+ 8.3						
Pipe & Conduit, Total	40,644	38,270	+ 6.2	388,466	411,062	- 5.5						
Corrugated Pipe & Conduit	13,035	9,136	+42.7	133,265	109,606	+21.6						
Non-Corrugated Pipe & Conduit	27,609	29,134	- 5.2	255,201	301,456	-15.3						
Other Extruded Products	3,388	2,831	+19.7	34,931	33,213	+ 5.2						
Resellers & Compounders	35,910	*		429,853 R	*							
All Other Uses	27,712	57,039	-51.4	289,440	639,128	-54.7						

(2) = Included in Other Extruded Products
(3) = Included in Film
* = 1985 data not available

D = Disclosure
R = Revision

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS October 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	October			YEAR TO DATE			October			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
POLYPROPYLENE, TOTAL	516,741	439,201	+17.7	4,831,413 R	4,349,403	+11.1	503,939	446,584	+12.8	4,772,990 R	4,266,362	+11.9
Total Exports	94,026	63,345	+48.4	928,559	728,678	+27.4						
Total Domestic	422,715	375,856	+12.5	3,902,854 R	3,620,725	+ 7.8						
Injection Molding	122,336	115,027	+ 6.4	1,079,724	1,067,474	+ 1.1						
Appliances	11,994	10,131	+18.4	106,393	96,272	+10.5						
Consumer Products	28,419	28,573	- 0.5	263,095	260,236	+ 1.1						
Rigid Packaging	37,756	32,985	+14.5	365,574	325,041	+12.5						
Transportation	32,640	30,931	+ 5.5	251,169	283,093	-11.3						
All Other Injection Molding	11,527	12,407	- 7.1	93,493	102,832	- 9.1						
Blow Molding	11,324	9,114	+24.2	88,375	88,381	0.0						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	42,590	34,008	+25.2	421,545	323,451	+30.3						
Sheet (Over 10 Mils)	3,413	2,870	+18.9	32,739	36,411	-10.1						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	131,089	113,699	+15.3	1,243,944	1,181,883	+ 5.3						
Textile Applications	122,467	106,549	+14.9	1,143,813	1,093,565	+ 4.6						
Non Textile Monofilaments	8,622	7,150	+20.6	100,131	88,318	+13.4						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	9,073	8,084	+12.2	82,698	74,998	+10.3						
Resellers & Compounders	86,676	70,193	+23.5	808,734 R	681,900	+18.6						
All Other Uses	16,214	22,861	-29.1	145,095	166,227	-12.7						

= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

October 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	October			YEAR TO DATE			October			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
ACRYLONITRILE BUTADIENE STYRENE (ABS) RESINS, TOTAL	99,571	82,466	+20.7	888,829	858,333	+ 3.6	100,026	66,284	+50.9	893,906	860,215	+ 3.9
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE ACRYLONITRILE (SAN) RESINS, TOTAL	7,964	7,811	+ 2.0	67,195	73,554	- 8.6	7,994	7,854	+ 1.8	73,315	73,620	- 0.4
Total Exports	1,758	1,144	+53.7	9,374	7,568	+23.9						
Total Domestic	6,206	6,667	- 6.9	57,821	65,986	-12.4						
POLYSTYRENE RESINS, TOTAL	395,030	354,672	+11.4	3,733,050	3,419,572	+ 9.2	402,985	339,403	+18.7	3,674,216	3,367,125	+ 9.1
Straight Polystyrene	210,908	187,127	+12.7	1,958,617	1,768,558	+10.7	210,858	190,244	+10.8	1,960,814	1,769,007	+10.8
Rubber Modified Polystyrene	184,122	167,545	+ 9.9	1,774,433	1,651,014	+ 7.5	192,127	149,159	+28.8	1,713,402	1,598,118	+ 7.2
Total Exports	8,737	6,645	+31.5	92,096	70,469	+30.7						
Straight Polystyrene	7,640	4,979	+53.4	63,875	40,263	+58.6						
Rubber Modified Polystyrene	1,097	1,666	-34.2	28,221	30,206	- 6.6						
Total Domestic	386,293	348,027	+11.0	3,640,954	3,349,103	+ 8.7						
Molding	132,733	127,350	+ 4.2	1,300,380	1,168,145	+11.3						
Extrusion	175,741	148,402	+18.4	1,627,648	1,442,999	+12.8						
Expandable Polystyrene Beads	55,397	41,060	+34.9	422,690	429,639	- 1.6						
All Other Uses	22,422	31,215	-28.2	290,236	308,320	- 5.9						
Polystyrene End Uses, Total**	386,293	348,027	+11.0	3,640,954	3,349,103	+ 8.7						
Packaging	103,314	83,906	+23.1	915,843	797,264	+14.9						
Disposables	44,631	48,116	- 7.2	470,292	399,695	+17.7						
Consumer and Institutional Products	57,541	53,883	+ 6.8	501,561	555,540	- 9.7						
Electrical/Electronics	37,442	25,424	+47.3	335,675	261,679	+28.3						
Furniture, Furnishings, Building & Construction	22,587	10,716	+110.8	194,945	123,244	+58.2						
Expandable Polystyrene Beads	55,397	41,060	+34.9	422,690	429,639	- 1.6						
Resellers and Compounders	47,941	48,300	- 0.7	428,283	444,579	- 3.7						
All Other End Uses	17,440	36,622	-52.4	371,665	337,463	+10.1						

** = Portions of the End Use Section are estimated.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

OCTOBER **1986**

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	October			YEAR TO DATE			October			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
STYRENE BASED LATEXES, TOTAL	79,266	73,455	+7.9	724,762R	673,523	+7.6	77,095	72,038	+ 7.0	679,853R	622,753	+ 9.2
Paper Treating	5,329	3,905	+36.5	46,572R	33,416	+39.4						
Textile Treating	1,920	1,652	+16.2	16,595R	14,653	+13.3						
Carpet Backing	27,003	27,852	-3.0	266,210R	260,364	+2.2						
All Other Uses (Including Exports & Paper Coating)	45,014	40,046	+12.4	395,385	365,090	+8.3						
OTHER STYRENE BASED POLYMERS, TOTAL * 40% or more styrene	24,653	24,110	+2.3	238,993	227,014	+5.3	25,235	28,520	-11.5	236,392	229,725	+ 2.9
Total Export	D	D		D	D	D						
Total Domestic	24,653	24,110	+2.3	238,993	227,014	+5.3						
Molding & Extrusion	20,907	18,634	+12.2	191,647	174,234	+10.0						
Coatings	3,746	5,476	-31.6	47,346	52,780	-10.3						
NYLON RESINS, TOTAL	41,026	36,200	+13.3	371,975R	336,329	+10.6	41,874	35,819	+16.9	390,564	332,590	+17.4
Total Exports	3,953	1,236	+219.8	31,794R	19,720	+61.2						
Total Domestic	37,073	34,964	+6.0	340,181R	316,609	+7.4						
Injection Molding Grade	24,504	23,477	+4.4	225,785R	209,732	+7.7						
Extrusion Grade	9,991	8,232	+21.4	94,113R	85,157	+10.5						
Resellers and Compounders	1,940	2,392	-18.9	14,944	15,344	-2.6						
All Other Uses	638	863	-26.1	5,339	6,376	-16.3						

*** - Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

* - Exports are included in Total Domestic and Molding & Extrusion.

Styrene Based Latexes sales includes some Canadian-produced material.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure
R = Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

October 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	October			YEAR TO DATE			October			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	658,955	570,066	+15.6	6,158,384R	5,585,435	+10.3	613,222	608,489	+ 0.8	5,994,174	5,665,242	+ 5.8
Homopolymer Resins Including Blending & Latex	604,413	512,890	+17.8	5,653,607R	5,056,591	+11.8	565,177	551,621	+ 2.5	5,510,763	5,136,018	+ 7.3
Copolymer Resins Including Blending & Latex	17,854	22,644	-21.2	171,847	219,448	-21.7	15,440	22,315	-30.8	163,009	222,005	-26.6
Dispersion Resins	36,688	34,532	+ 6.2	332,930	309,396	+ 7.6	32,605	34,553	- 5.6	320,402	307,219	+ 4.3
Total Exports	34,668	23,577	+47.0	292,605R	242,151	+20.8						
Total Domestic	624,287	546,489	+14.2	5,865,779R	5,343,284	+ 9.8						
Calendering, Total	59,347	63,733	- 6.9	592,079R	568,167	+ 4.2						
Flooring	13,934	16,006	-12.9	136,089	133,537	+ 1.9						
Textile	6,912	5,341	+29.4	66,278	58,203	+13.9						
All Other Calendering Uses	38,501	42,386	- 9.2	389,712R	376,427	+ 3.5						
Coating, Total	30,504	28,439	+ 7.3	269,102	249,733	+ 7.8						
Flooring	13,760	11,918	+15.5	116,003	102,420	+13.3						
Textile & Paper Coating	9,156	9,142	+ 0.2	80,576	75,435	+ 6.8						
Protective Coatings	4,311	4,285	+ 0.6	39,070	38,264	+ 2.1						
Adhesives & All Other Coating Uses	3,277	3,094	+ 5.9	33,453	33,614	- 0.5						
Extrusion, Total	428,415	368,440	+16.3	3,952,603R	3,723,841	+ 6.1						
Wire & Cable	37,835	39,572	- 4.4	346,521R	378,299	- 8.4						
Film & Sheet	22,545	19,744	+14.2	208,168R	187,914	+10.8						
Siding, Siding Accessories & Mobile Home Skirting	45,157	40,409	+11.7	402,454R	389,757	+ 3.3						
Rigid Pipe & Tubing (Except Fittings)	273,437	219,684	+24.5	2,547,134R	2,327,222	+ 9.4						
All Other Extrusions	49,441	49,031	+ 0.8	448,326R	440,649	+ 1.7						
Molding, Total	42,919	40,167	+ 6.9	410,026R	391,891	+ 4.6						
Bottles	17,959	13,483	+33.2	165,615	135,945	+21.8						
Sound Records	3,455	7,089	-51.3	34,627	56,558	-38.8						
Fittings (Rigid Pipe & Tubing)	10,274	12,448	-17.5	113,977R	139,849	-18.5						
All Other Molding	11,231	7,147	+57.1	95,807	59,539	+60.9						
Paste Processes (Except Coating)	12,280	14,296	-14.1	127,667	130,963	- 2.5						
Plastisol Formulation	6,167	6,864	-10.2	63,118	65,099	- 3.0						
All Other	6,113	7,432	-17.7	64,549	65,864	- 2.0						
Resellers & Compounders	28,831	8,858	+225.5	245,214	77,086	+218.1						
All Other Uses	21,991	22,556	-2.5	269,088	201,603	+33.5						

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

October 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	October			YEAR TO DATE			October			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	58,409	60,406	- 3.3	588,635R	578,047	+ 1.8	58,409	60,406	- 3.3	588,635 R	578,047	+ 1.8
Total Exports	326	437	25.4	3,489	5,351	-34.8						
Total Domestic #	58,083	59,969	- 3.1	585,146R	572,696	+ 2.2						
Emulsion Paints	19,159	17,769	+ 7.8	202,210R	175,590	+15.2						
Adhesives, Caulks and Sealants	21,439	24,576	-12.8	217,042R	226,892	- 4.3						
Paper Treating & Paper Coating	9,761	9,467	+ 3.1	91,282R	93,450	- 2.3						
Textile Treating	2,599	2,866	- 9.3	27,211R	27,114	+ 0.4						
Non-Woven Binders	D	D		D	D							
All Other Uses	5,125	5,291	- 3.1	47,401	49,650	- 4.5						
POLYVINYL ALCOHOL, TOTAL #	D(4)	13,092	n.c.	D(4)	123,140	n.c.	D(4)	9,555	n.c.	D(4)	118,306	n.c.
Total Exports	D(4)	3,839		D(4)	25,500							
Total Domestic	D(4)	9,253		D(4)	97,640							
OTHER VINYL RESINS*, TOTAL	15,923	14,269	+11.6	154,754	159,889	- 3.2	14,755	17,025	-13.3	162,742	159,658	+ 1.9
Total Exports	5,154	3,531	+46.0	42,907	39,716	+ 8.0						
Total Domestic	10,769	10,738	+ 0.3	111,847	120,173	- 6.9						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	103,615	83,217	+24.5	957,047	789,831	+21.2	105,522	80,216	+31.5	961,417	796,033	+20.8
Total Exports	13,428	9,671	+38.8	130,695	95,273	+37.2						
Total Domestic	90,187	73,546	+22.6	826,352	694,558	+19.0						
PET Bottle Grades	59,949	52,135	+15.0	587,302	514,690	+14.1						
All Other Thermoplastic Polyester**	30,238	21,411	+41.2	239,050	179,868	+32.9						

** = Includes All Other PET and All Injection Molding Grades

= Includes imputed data

(1) = Included in All Other Uses

(4) = The Publishing of PVOH data is temporarily suspended until further notice.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision

D = Disclosure

N.C. = Not Comparable

SECTION I

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS	
EPOXY (UNMODIFIED) RESINS	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
HIGH-DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS)	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BUTADIENE LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENE BASED LATEXES - over 50% styrene including styrene butadiene latexes not carboxylated	OTHER SBL
OTHER STYRENE BASED POLYMERS - over 40% styrene and used in molding and extrusion processes	OTHER SBP
NYLON RESINS	NYLON
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAc
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS

CATEGORY	CODE
Production	P
Domestic Sales	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

THIRD QUARTER, 1986

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL OSBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ADVANCE COATINGS		PD																	
A & E PLASTICS											PDE								
AIR PRODUCTS & CHEMICALS															PDE	DE	PDE		
ALLIED CORPORATION							PDE							PDE					PD
ALLIED BENDIX					PD														
ALPHA CHEMICAL CORPORATION		PDE																	
AMERICAN CYANAMID COMPANY			PDE	PDE															
AMERICAN HOECHST CORP. - PLASTICS DIVISION							PDE												
AMERICAN HOECHST CORP. SOU-TEX DIVISION				PD	PD														
AMETEK, HAVEG DIVISION					PD														
AMOCO CHEMICAL CORPORATION							PDE	PDE			PDE								
ANDERSON DEVELOPMENT CO.													PD						
ARCO CHEMICAL											PDE		PDE						
ASHLAND CHEMICAL COMPANY		PDE			PD														
ASOMA POLYMERS, INC.											PD								
ATOCHEM, INC.														PDE					
AZS CORPORATION		PD																	
BASF CORPORATION											PDE			PDE					
BELDING CHEMICAL INDUSTRIES														PD					

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL OSBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
BORDEN CHEMICAL COMPANY			PD	PD	PDE										PDE	D			
BORG-WARNER CHEMICALS, INC.									PDE	PD									
CARGILL, INC.		PD																	
CELANESE CHEMICAL COMPANY																D			
CELANESE ENGINEERING RESINS														PDE					PDE
CERTAIN-TEED PRODUCTS CORP.															PD				
CHEMBOND CORPORATION			PD	PD	PDE														
CHEVRON CHEMICAL OLEFINS						PDE	PDE				PDE								
CIBA-GEIGY CORP.	PDE																		
COOK PAINT & VARNISH COMPANY		PD																	
CUSTOMS RESINS, INC.														PD					
DAN RIVER, INC.			PD																
DART POLYMERS											PD								
DOW CHEMICAL U.S.A.	PDE	PDE				PDE	PDE		PDE	PDE	PDE	PDE	PDE					PDE	
E. I. DUPONT DE NEMOURS AND COMPANY						PDE	PDE						PDE	PDE			PDE	PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE		PDE											PDE
EL PASO PRODUCTS CO.						PDE		PDE											
EMSER INDUSTRIES														PD					
ENRON						PDE	PDE	PDE											

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL OSBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
EXXON CHEMICAL AMERICAS						PDE	PDE	PDE											
FINA OIL & CHEMICAL								PDE			PDE								
FIRESTONE SYNTHETIC RUBBER & LATEX													PD						
FORMICA CORPORATION				PDE	D														
FORMOSA PLASTICS CORPORATION															PD				
FREEMAN CHEMICAL CORPORATION		PD																	
H. B. FULLER																D			
GENERAL ELECTRIC COMPANY																			PDE
GENERAL TIRE COMPANY												PD							
GEORGIA-GULF															PDE				
GEORGIA-PACIFIC CORPORATION			PD		PD														
GLIDDEN COATINGS AND RESINS DIV. OF SCM		PD																	
B. F. GOODRICH CHEMICAL COMPANY										PDE					PDE				
GOODSON CHEMICAL CORP.											PD								
GOODYEAR CHEMICAL DIVISION												PD	PDE		PDE				PDE
DEWEY & ALMY DIVISION W. R. GRACE & COMPANY									PD			PD				D		PDE	
GRIFFTEX CHEMICALS			PD	PD															
HIMONT USA, INC.							PDE	PDE											

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL OSBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
HOECHST FIBERS INDUSTRIES																			PDE
HUNTSMAN CHEMICAL CORP.											PDE								
ICI AMERICAS		PDE																	PDE
INMONT CORPORATION		PDE			PD														
INTERPLASTIC CORPORATION		PD																	
INTEREZ, INC.	PDE		PD	PD															
IRONSIDES RESINS, INC.					PD														
KEYSOR-CENTURY CORPORATION															PD				
KOPPERS COMPANY		PD			PDE														
MAPLECHEM, INC. (Now Harborchem)			PD	PD															
MASONITE CORPORATION					PD														
MOBIL CHEMICAL COMPANY						PDE	PDE				PDE								
MONSANTO COMPANY			PDE	PDE					PDE	PDE			PDE	PDE		DE		PDE	
MORTON INDUSTRIES												PD						PDE	
NATIONAL STARCH & CHEMICALS CORP.																D			
NYLON CORP. OF AMERICA														PD					
OCCIDENTAL CHEMICAL CORP.					PDE										PDE				
OWENS-CORNING FIBERGLAS		PDE		PD	PD														
PERKINS INDUSTRIES, INC.			PD		PD														

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOLY	PY	UR/EA	MELA	PHEN	LDPF	HDPE	PP	ABS	SAN	PS	SBL OSBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
PERSTORP COMPOUNDS INC.			PDE	PDE															
PHILLIPS CHEMICAL COMPANY						DE	PDE	PDE					PDE						
PIONEER PLASTICS		PD	PD	PD	PD														
PLASLOK CORPORATION					PD														
PLASTICS ENGINEERING COMPANY					PDE														
POLYMER APPLICATION, INC.					PD														
POLYREZ COMPANY, INC.					PDE														
POLYSAR LIMITED												PD							
POLYSAR, INC.											PDE								
RAYMARK INDUSTRIES					PD														
REICHHOLD CHEMICALS, INC.	PDE	PDE	PDE	PDE	PDE							PD				DE			
ROGERS CORPORATION					PDE														
ROHM AND HAAS COMPANY													PDE			D		PDE	
SHAKESPEARE COMPANY														PD					
SHELL CHEMICAL COMPANY	PDE							PDE											
SHINTECH, INC.															PDE				
SILMAR DIV. OF SOHIO CHEM. CO.		PDE																	
SOLTEX POLYMER CORP.						PDE	PDE	PDE											
TEXSTYRENE PLASTICS											PD								

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL OSBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
UNION CARBIDE CORPORATION	PDE				PDE	PDE	PDE									DE			
UNION CHEMICAL												PD				D		PD	
U.S. INDUSTRIAL CHEMICAL						PDE	PDE									D			
USS CHEMICAL		PDE						PDE											
VALCHEM DIV. OF UNITED MERCHANTS, INC.			PD																
VALITE DIVISION OF VALENTINE SUGARS, INC.					PD														
VANLEER CONTAINERS, INC.					PD														
VISTA POLYMERS															PDE				
WELLMAN, INC.														PDE					
TOTALS	6	18	14	13	26	12	14	11	4	4	14	8	9	12	11	12	2	7	8

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**The Society of the
Plastics Industry, Inc.**

SPI

MonthlyStatisticalReport-Resins

355 Lexington Avenue
New York, New York 10017
(212) 503-0600

FOR THE MONTH AND PERIOD ENDED
NOVEMBER 1986

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY

RELEASE DATE: January 22, 1987

The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

PART 300/400
NON-PART 400/500

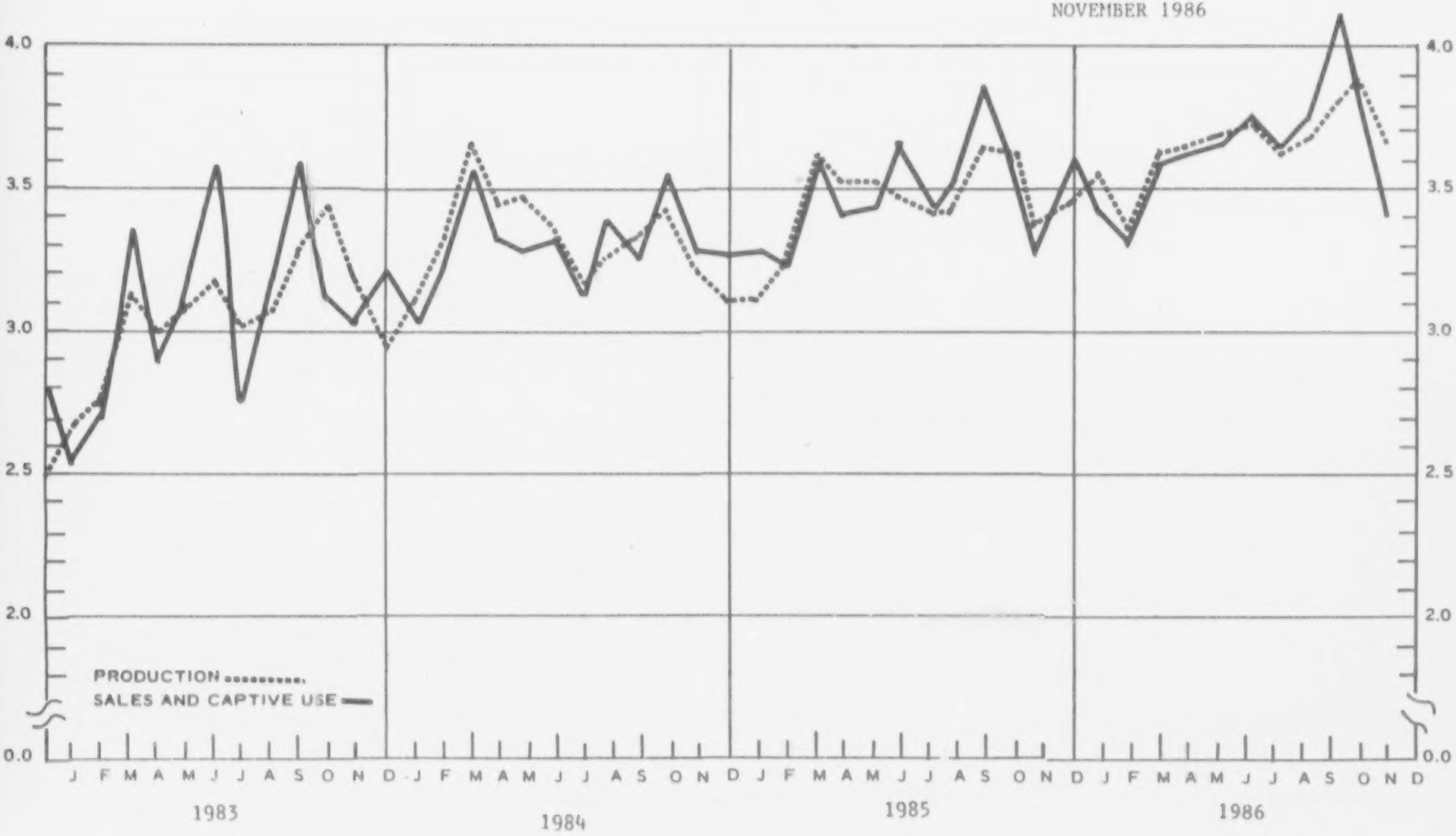
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

NOVEMBER 1986



SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

NOVEMBER 1986

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR TO DATE			NOVEMBER			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
EPOXY RESINS, TOTAL	28,079	28,149	- 0.2	349,506R	342,56	+ 2.0	34,229	32,584	+ 5.0	372,715R	350,312	+ 6.4
POLYESTER (UNSATURATED) RESINS, TOTAL	99,110	94,300	+ 5.1	1,197,151	1,168,42	+ 2.5	92,025	85,465	+ 7.7	1,183,540	1,140,351	+ 3.8
UREA RESINS, TOTAL	106,002	97,714	+ 8.5	1,160,126	1,111,29	+ 4.4	106,963	98,319	+ 8.8	1,166,171	1,118,099	+ 4.3
MELAMINE RESINS, TOTAL	15,359	16,011	- 4.1	176,603	179,21	- 1.5	15,188	16,145	- 5.9	161,140	178,318	- 9.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	212,395	220,531	- 3.7	2,546,183	2,425,21	+ 5.0	212,979	219,916	- 3.2	2,508,877	2,406,510	+ 4.3
THERMOSETTING RESINS, TOTAL	460,945	456,705	+ 0.9	5,409,569R	5,206,77	+ 3.9	468,434	458,929	+ 2.1	5,392,443R	5,193,590	+ 3.8
LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	642,756	626,892	+ 2.5	8,019,065	8,011,18	+ 0.1	717,464	759,749	- 5.6	8,111,651	8,149,012	- 0.5
HIGH DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	536,893	505,620	+ 6.2	6,371,898	6,013,08	+ 6.0	599,034	514,559	+16.4	6,571,317	6,087,743	+ 7.9
POLYPROPYLENE, TOTAL	453,227	430,650	+ 5.2	5,284,640	4,780,05	+10.6	512,650	439,450	+16.7	5,285,648	4,705,812	+12.3
ACRYLONITRILE BUTADIENE STYRENE (ABS) RESINS, TOTAL	98,726	75,601	+30.6	987,555	933,93	+ 5.7	100,453	83,737	+20.0	994,359	943,952	+ 5.3
STYRENE ACRYLONITRILE (SAN) RESINS, TOTAL	8,067	5,694	+41.7	78,580R	79,24	- 0.8	8,467	6,928	+22.2	81,782	80,548	+ 1.5
POLYSTYRENE RESINS, TOTAL	342,180	327,266	+ 4.6	4,075,430	3,746,81	+ 8.8	381,130	329,060	+15.8	4,055,346	3,696,185	+ 9.7
STYRENE BASED LATEXES, TOTAL **	71,315	62,360	+14.6	796,077	735,80	+ 8.2	76,330	61,660	+23.8	756,183	684,391	+10.5
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	19,091	23,263	-17.9	258,084	250,27	+ 3.1	23,233	24,629	- 5.7	259,625	254,354	+ 2.1
NYLON RESINS, TOTAL	35,635	34,496	+ 3.3	407,610	370,82	+ 9.9	37,298	32,302	+15.5	427,862	364,892	+17.3
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	591,833	536,346	+10.3	6,752,886R	6,121,781	+10.3	593,260	517,468	+14.6	6,584,944R	6,182,710	+ 6.5
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	50,714	50,225	+ 1.0	640,481R	628,272	+ 1.9	* 50,714	* 50,225	+ 1.0	* 640,481R	* 628,272	+ 1.9
POLYVINYL ALCOHOL, TOTAL #	D(4)	10,572	n.c.	D(4)	133,71	n.c.	D(4)	7,318	n.c.	D(4)	125,624	n.c.
OTHER VINYL RESINS, TOTAL	13,690	15,691	-12.8	168,444	175,58	- 4.1	14,500	13,537	+ 7.1	177,242	173,195	+ 2.3
THERMOPLASTIC POLYESTER, TOTAL	92,572	79,196	+16.9	1,049,619	869,027	+20.8	99,969	81,995	+21.9	1,061,386	878,028	+20.9
THERMOPLASTIC RESINS, TOTAL	2,956,899	2,783,860	+ 6.2	34,890,369R	32,849,68	+ 6.2	3,216,510	2,922,597	+10.0	35,007,826R	32,954,720	+ 6.2
GRAND TOTAL	3,417,844	3,240,565	+ 5.5	40,299,938R	38,056,45	+ 5.9	3,682,944	3,381,526	+ 8.9	40,400,269R	38,148,310	+ 5.9

(1) - Except phenolic resins which are reported on a gross weight basis

* - These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

# - Includes imputed data

** Sales and Captive Use figures include some Canadian produced material.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

(4) - The Publishing of PVOH data is temporarily suspended until further notice.

R - Revision

D = Disclosure

n.c. = Not Comparable

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In millions of pounds, dry weight basis)(1)

NOVEMBER 1986

RESIN KIND	NOVEMBER				YEAR TO DATE				
	Production	Imports	Exports*	Apparent Consumption	Production	Imports	Exports*	Apparent Consumption	Import % of Apparent Consumption
EPOXY RESINS, TOTAL	34	2	7	29	373R	16	91	298	5
POLYESTER (UNSATURATED) RESINS, TOTAL	99	1	4	96	1,181	7	26	1,164	1
UREA RESINS, TOTAL	107	3	1	109	1,166	25	3	1,188	2
MELAMINE RESINS, TOTAL	15	0	1	14	161	2	17	146	1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	213	5	3	215	2,509	39	35	2,513	2
THERMOSETTING RESINS, TOTAL	468	11	16	463	5,392R	89	172	5,309	2
LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	718	55	67	706	8,112	666	788	7,990	9
HIGH DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	599	5	55	549	6,571	39	768	5,842	1
POLYPROPYLENE, TOTAL	513	1	102	412	5,286	23	1.066	4.243	1
ACRYLONITRILE BUTADIENE STYRENE (ABS) RESINS, TOTAL	100	5	8	97	994	64	87	971	7
STYRENE ACRYLONITRILE (SAN) RESINS, TOTAL	9	-	1	8	82	0	13	69	0
OTHER STYRENICS	99	5	8	96	1,016	47	87	976	5
POLYSTYRENE, TOTAL	381	6	7	374	4,055	16	102	3,969	0
NYLON RESINS, TOTAL	37	4	4	37	428	26	59	395	7
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	593	13	28	578	6.585R	196	309	6.472	3
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	51	2	2	51	640R	20	64	596	3
POLYVINYL ALCOHOL, TOTAL	D(4)	-	-	-	D(4)	-	-	-	-
OTHER VINYL RESINS, TOTAL	15	3	5	13	178	35	48	165	21
THERMOPLASTIC POLYESTER, TOTAL	100	1	11	90	1,061	24	119	966	2
THERMOPLASTIC RESINS, TOTAL	1,215	94	298	1,011	35,008R	1,156	3,510	32,654	4
GRAND TOTAL	1,683	105	314	1,474	40,400R	1,245	3,682	37,963	3

(1) Except phenolic resins which are reported on a gross weight basis

(4) The Publishing of PVOH is temporarily suspended

D = Disclosure

R = Revision

Compiled by ERNST & WHINNEY Washington D.C. for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

Sources Production - SPI Monthly Statistical Report
Imports - Bureau of Census IM 146
Exports - Bureau of Census EM 546

* Bureau of Census exports will differ from the SPI exports as published on pages 4 through 11 of this report.

	Import No. (1)	Export No. (2)
Epoxy	409.0200	444.5410/444.5420
Polyester, Unsaturated	409.1000	444.6000
Urea	445.3540	444.5220
Melamine	445.3520	444.5210
Phenolic	409.0600	444.5810/444.5820
Low Density Polyethylene	445.3010	444.1610
High Density Polyethylene	445.3020	444.1620
Polypropylene	445.5200	444.1700
ABS	408.7200	444.2010
SAN	408.8100	444.2020
Other Styrenics	408.7600/408.8450	444.2050
Polystyrene	408.8420	444.2030/444.2040
Nylon	408.6100	444.1210
PVC	445.4600	444.2310/444.2320
Vinyl Acetate	445.4400	444.2120
Polyvinyl Alcohol	445.4200	444.2110
Other Vinyls	445.4800	444.2330
Thermoplastic Polyester	408.6800	444.1500

(1) Tariff Schedules of the U.S. Annotated
(2) Schedule B

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

November 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR TO DATE			NOVEMBER			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
EPOXY RESINS, TOTAL	28,079	28,149	- 0.2	349,506R	342,560	+ 2.0	34,229	32,584	+ 5.0	372,715R	350,312	+ 6.4
Total Exports	5,406	2,873	+88.2	51,931R	38,811	+33.8						
Captive Use, Total	1,080	1,424	-24.2	12,111R	14,239	-14.9						
Domestic Sales, Total	21,593	23,852	- 9.5	285,464R	289,510	- 1.4						
Domestic Sales & Captive Use, Total	22,673	25,276	-10.3	297,575R	303,749	- 2.0						
Bonding & Adhesives	1,452	1,379	+ 5.3	18,139R	16,120	+12.5						
Flooring, Paving & Exposed Aggregate	1,415	1,371	+ 3.2	18,392R	15,748	+16.8						
Protective Coatings	11,172	12,065	- 7.4	150,067R	157,854	- 4.9						
Fiber Reinforced Laminates & Composites, Total	4,726	6,046	-21.8	63,386R	64,342	- 1.5						
FRL&C for Printed Wiring Board	3,259	3,416	- 4.6	43,649R	40,401	+ 8.0						
All Other FRL&C	1,467	2,630	-44.2	19,737R	23,941	-17.6						
Tooling, Casting & Molding Resins	1,505	1,682	-10.5	21,203R	21,776	- 2.6						
All Other Uses	2,403	2,733	-12.1	26,388R	27,909	- 5.4						
POLYESTER (UNSATURATED) RESINS, TOTAL	99,110	94,300	+ 5.1	1,177,151	1,148,479	+ 2.5	99,075	91,965	+ 7.7	1,183,540	1,140,351	+ 3.8
Total Exports	741	544	+36.2	8,704	8,283	+ 5.1						
Total Domestic	98,369	93,756	+ 4.9	1,168,447	1,140,196	+ 2.5						
General Purpose Resins, Total	84,811	81,400	+ 4.2	1,009,947	993,424	+ 1.7						
General Purpose - Thixotropic	38,354	35,589	+ 7.8	449,105	427,870	+ 5.0						
General Purpose - Press Molding	10,370	14,819	-30.0	141,649	149,726	- 5.4						
General Purpose - All Other	36,087	30,992	+16.4	419,193	415,828	+ 0.8						
Flame Retardant Resins	2,079	2,148	- 3.2	23,707	22,298	+ 6.3						
Chemical Resistant Resins	11,479	10,208	+12.5	134,793	124,474	+ 8.3						
Chemical Resistant Isophthalic Resins	9,179	8,014	+14.5	109,316	94,828	+15.3						
All Other Chemical Resistant Resins	2,300	2,194	+ 4.8	25,477	29,646	-14.1						
Reinforced Plastics, Total	74,411	72,429	+ 2.7	881,894	883,742	- 0.2						
Non Reinforced Plastics, Total	23,958	21,327	+12.3	286,553	256,454	+11.7						

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R - Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING RESINS

(In thousands of pounds, dry weight basis)(1)

NOVEMBER 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR TO DATE			NOVEMBER			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
UREA RESINS, TOTAL	106,002	97,714	+ 8.5	1,160,126	1,111,295	+ 4.4	106,963	98,319	+ 8.8	1,166,171	1,118,099	+ 4.3
MELAMINE RESINS, TOTAL	15,359	16,011	- 4.1	176,603	179,219	- 1.5	15,188	16,145	- 5.9	161,140	178,318	- 9.6
UREA & MELAMINE RESINS, TOTAL	121,361	113,725	+ 6.7	1,336,729	1,290,514	+ 3.6	122,151	114,464	+ 6.7	1,327,311	1,296,417	+ 2.4
Total Exports	D	D		D	D							
Total Domestic*	121,361	113,725	+ 6.7	1,336,729	1,290,514	+ 3.6						
Textile Treating & Coating Resins	2,173	1,188	+82.9	19,505	15,928	+22.5	958	1,818	-47.3	22,952	23,607	- 2.8
Paper Treating & Coating Resins	7,491	8,132	- 7.9	89,106	92,311	- 3.5	7,683	9,294	-17.3	90,395	99,219	- 8.9
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	96,738	86,617	+11.7	1,038,747	976,904	+ 6.3	97,885	86,228	+13.5	1,036,099	978,591	+ 5.9
Laminating	3,867	4,019	- 3.8	41,707	42,087	- 0.9	3,667	3,934	- 6.8	39,456	41,751	- 5.5
Plywood	4,737	4,547	+ 4.2	55,372	52,758	+ 5.0	4,913	4,587	+ 7.1	55,884	53,074	+ 5.3
Fibrous & Granulated Wood (Particle Board)	88,134	78,051	+12.9	941,668	882,059	+ 6.8	89,305	77,707	+14.9	940,759	883,766	+ 6.4
Protective Coatings (Straight & Modified)	7,771	7,465	+ 4.1	95,050	83,347	+14.0	8,754	7,023	+24.6	93,745	87,281	+ 7.4
All Other Uses (Includes Molding Compounds, and Exports)	7,188	10,323	-30.4	94,321	122,024	-22.7	6,871	10,101	-32.0	84,120	107,719	-21.9
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	212,395	220,531	- 3.7	2,546,183	2,425,218	+ 5.0	212,979	219,916	- 3.2	2,508,877	2,406,510	+ 4.3
Total Exports	1,160	1,684	-31.1	14,415	19,358	-25.5						
Total Domestic	211,235	218,847	- 3.5	2,531,768	2,405,860	+ 5.2						
Molding Compounds	17,491	17,285	+ 1.2	190,745	194,198	- 1.8	18,071	18,745	- 3.6	198,243	200,938	- 1.3
Bonding & Adhesive Resins for:	189,927	195,762	- 3.0	2,301,213	2,149,523	+ 7.1	190,826	195,632	- 2.5	2,269,203	2,143,259	+ 5.9
Laminating	17,038	11,314	+50.6	185,105	131,380	+40.9	17,005	9,583	+77.4	157,345	115,668	+36.0
Coated & Bonded Abrasives	1,695	1,332	+27.3	17,392	15,220	+14.3	1,704	1,337	+27.4	17,475	15,262	+14.5
Friction Materials	2,619	1,794	+46.0	27,255	24,471	+11.4	2,557	1,609	+58.9	26,319	24,517	+ 7.3
Insulation Materials	31,282	32,548	- 3.9	380,489	382,795	- 0.6	31,488	32,903	- 4.3	373,908	386,027	- 3.1
Foundry & Shell Molding	3,150	6,654	-52.7	38,817	71,618	-45.8	3,283	6,959	-52.8	38,729	74,159	-47.8
Plywood	110,067	108,719	+ 1.2	1,335,367	1,151,048	+16.0	110,354	109,155	+ 1.1	1,335,427	1,151,903	+15.9
Fibrous & Granulated Wood	16,593	19,150	-13.4	227,220	199,804	+13.7	17,836	19,289	- 7.5	232,375	199,756	+16.3
Resins Sold to Rubber Industry	2,462	2,814	-12.5	28,504	26,514	+ 7.5	1,376	3,134	-56.1	25,830	28,573	- 9.6
All Other	5,021	11,437	-56.1	61,064	146,672	-58.4	5,223	11,663	-55.2	61,795	147,394	-58.1
Protective Coatings – Unmodified & Modified	2,110	1,778	+18.7	21,589	21,373	+ 1.0	2,094	1,749	+19.7	21,359	21,366	- 0.0
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	1,707	4,022	-57.6	18,221	40,766	-55.3	1,988	3,790	-47.5	20,072	40,947	-51.0

(1) - Except phenolic resins which are reported on a gross weight basis

* - Domestic total includes exports.

# - Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D Disclosure
R Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

NOVEMBER 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR TO DATE			NOVEMBER			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	642,756	626,892	+ 2.5	8,019,065	8,011,189	+ 0.1	717,464	759,749	- 5.6	8,111,651	8,149,012	- 0.5
Total Exports	65,628	77,257	-15.1	848,864R	1,059,860	-19.9						
Total Domestic	577,128	549,635	+ 5.0	7,170,201R	6,951,329	+ 3.1						
Film (12 Mils & Below)	347,091	334,512	+ 3.8	4,371,195R	4,337,655	+ 0.8						
Sheet (Over 12 Mils)	D(3)	D(3)		D(3)	D(3)							
Injection Molding	49,012	43,238	+13.4	521,967R	530,546	- 1.6						
Wire & Cable	26,292	26,917	- 2.3	312,603	317,134	- 1.4						
Extrusion Coating	49,858	49,976	- 0.2	616,534	591,964	+ 4.2						
Blow Molding	2,503	2,906	-13.9	35,653	42,604	-16.3						
Pipe & Conduit, Total	2,234	950	+135.2	27,416	27,383	+ 0.1						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	8,413	12,510	-32.7	103,170	92,284	+11.8						
Resellers & Compounders	41,223	*		543,428R	*							
All Other Uses	50,502	78,626	-35.8	638,235	1,011,759	-36.9						
HIGH DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	536,893	505,628	+ 6.2	6,371,898	6,013,086	+ 6.0	599,034	514,559	+16.4	6,571,317	6,087,743	+ 7.9
Total Exports	75,042	73,592	+ 2.0	795,230	779,933	+ 2.0						
Total Domestic	461,851	432,036	+ 6.9	5,576,668	5,233,153	+ 6.6						
Film (12 Mils & Below)	46,167	39,478	+16.9	451,285	397,509	+13.5						
Sheet (Over 12 Mils)	11,260	11,610	- 3.0	159,846	124,474	+28.4						
Injection Molding	111,017	95,255	+16.5	1,416,966	1,387,221	+ 2.1						
Wire & Cable	9,366	7,714	+21.4	111,954	105,911	+ 5.7						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	200,819	184,038	+ 9.1	2,210,705	2,040,694	+ 8.3						
Pipe & Conduit, Total	26,337	28,565	- 7.8	414,803	439,627	- 5.6						
Corrugated Pipe & Conduit	3,612	2,206	+63.7	136,877	111,812	+22.4						
Non-Corrugated Pipe & Conduit	22,725	26,359	-13.8	277,926	327,815	-15.2						
Other Extruded Products	1,551	1,632	- 5.0	36,482	34,845	+ 4.7						
Resellers & Compounders	31,342	*		461,195	*							
All Other Uses	23,992	63,744	-62.4	313,432	702,872	-55.4						

(2) = Included in Other Extruded Products
(3) - Included in Film
* - 1985 data not available

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D - Disclosure
R - Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR TO DATE			NOVEMBER			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
POLYPROPYLENE, TOTAL	453,227	430,650	+ 5.2	5,284,640	4,780,053	+10.6	512,658	439,450	+16.7	5,285,648	4,705,812	+12.3
Total Exports	80,063	60,965	+31.3	1,008,622	789,643	+27.7						
Total Domestic	373,164	369,685	+ 0.9	4,276,018	3,990,410	+ 7.2						
Injection Molding	103,171	103,469	- 0.3	1,182,979R	1,170,943	+ 1.0						
Appliances	10,819	9,828	+10.1	117,296R	106,100	+10.6						
Consumer Products	24,495	22,740	+ 7.7	287,590	282,976	+ 1.6						
Rigid Packaging	30,350	30,490	- 0.5	395,924	355,531	+11.4						
Transportation	29,439	30,795	- 4.4	280,608	313,888	-10.6						
All Other Injection Molding	8,068	9,616	-16.1	101,561	112,448	- 9.7						
Blow Molding	7,239	7,194	+ 0.6	95,614	95,575	+ 0.0						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	36,139	32,188	+12.3	457,684	355,639	+28.7						
Sheet (Over 10 Mils)	3,776	3,462	+ 9.1	36,515	39,873	- 8.4						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	123,227	120,266	+ 2.5	1,367,171	1,302,149	+ 5.0						
Textile Applications	113,444	111,852	+ 1.4	1,257,257	1,205,417	+ 4.3						
Non Textile Monofilaments	9,783	8,414	+16.3	109,914	96,732	+13.6						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	8,335	7,147	+16.6	91,033	82,145	+10.8						
Resellers & Compounders	76,119	75,975	+ 0.2	884,862R	757,875	+16.8						
All Other Uses	15,158	19,984	-24.1	160,160R	186,211	-14.0						

Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure
R = Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

November 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR TO DATE			NOVEMBER			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
ACRYLONITRILE BUTADIENE STYRENE (ABS) RESINS, TOTAL	98,726	75,601	+30.6	987,555	933,934	+ 5.7	100,453	83,737	+20.0	994,359	943,952	+ 5.3
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE ACRYLONITRILE (SAN) RESINS, TOTAL	8,067	5,694	+41.7	78,580R	79,248	- 0.8	8,467	6,928	+22.2	81,782	80,548	+ 1.[illegible]
Total Exports	1,543	763	+102.2	10,917	8,331	+31.0						
Total Domestic	6,524	4,931	+32.3	67,663R	70,917	- 4.6						
POLYSTYRENE RESINS, TOTAL	342,380	327,246	+ 4.6	4,075,430	3,746,818	+ 8.8	381,130	329,060	+15.8	4,055,346	3,696,185	+ 9.7
Straight Polystyrene	181,649	171,918	+ 5.7	2,140,266	1,940,476	+10.3	194,355	183,738	+ 5.8	2,155,169	1,952,745	+10.4
Rubber Modified Polystyrene	160,731	155,328	+ 3.5	1,935,164	1,806,342	+ 7.1	186,775	145,322	+28.5	1,900,177	1,743,440	+ 9.0
Total Exports	6,625	4,908	+35.0	98,721	75,377	+31.0						
Straight Polystyrene	5,531	2,954	+87.2	69,406	43,217	+60.6						
Rubber Modified Polystyrene	1,094	1,954	-44.0	29,315	32,160	- 8.8						
Total Domestic	335,755	322,338	+ 4.2	3,976,709	3,671,441	+ 8.3						
Molding	113,199	113,304	- 0.0	1,413,579	1,281,449	+10.3						
Extrusion	157,997	140,959	+12.1	1,785,645	1,583,958	+12.7						
Expandable Polystyrene Beads	39,604	42,221	- 6.2	462,294	471,860	- 2.0						
All Other Uses	24,955	25,854	- 3.5	315,191	334,174	- 5.7						
Polystyrene End Uses, Total**	335,755	322,338	+ 4.2	3,976,709	3,671,441	+ 8.3						
Packaging	92,818	75,383	+23.1	1,008,661	872,647	+15.6						
Disposables	39,366	40,146	- 1.9	509,658	439,841	+15.9						
Consumer and Institutional Products	49,780	45,358	+ 9.7	551,341	600,898	- 8.2						
Electrical/Electronics	36,026	22,643	+59.1	371,701	284,322	+30.7						
Furniture, Furnishings, Building & Construction	21,286	14,116	+50.8	216,231	137,360	+57.4						
Expandable Polystyrene Beads	39,604	42,221	- 6.2	462,294	471,860	- 2.0						
Resellers and Compounders	41,554	40,888	+ 1.6	469,837	485,467	- 3.2						
All Other End Uses	15,321	41,583	-63.2	386,986	379,046	+ 2.1						

** = Portions of the End Use Section are estimated.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R Revision

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

NOVEMBER 1986

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR TO DATE			NOVEMBER			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
STYRENE BASED LATEXES, TOTAL	71,315	62,360	+14.4	796,077	735,883	+ 8.2	76,330	61,640	+23.8	756,183	684,393	+10.5
Paper Treating	4,671	3,331	+40.2	51,243	36,747	+39.4						
Textile Treating	1,940	1,198	+61.9	18,535	15,851	+16.9						
Carpet Backing	24,014	24,235	- 0.9	290,224	284,599	+ 2.0						
All Other Uses (Including Exports & Paper Coating)	40,690	33,596	+21.1	436,075	398,686	+ 9.4						
OTHER STYRENE BASED POLYMERS, TOTAL • 40% or more styrene	19,091	23,263	-17.9	258,084	250,277	+ 3.1	23,233	24,629	- 5.7	259,625	254,354	+ 2.1
Total Export	D	D		D	D							
Total Domestic	19,091	23,263	-17.9	258,084	250,277	+ 3.1						
Molding & Extrusion	14,782	18,219	-18.9	206,429	192,453	+ 7.3						
Coatings	4,309	5,044	-14.6	51,655	57,824	-10.7						
NYLON RESINS, TOTAL	35,635	34,496	+ 3.3	407,610	370,825	+ 9.9	37,298	32,302	+15.5	427,862	364,892	+17.
Total Exports	4,098	2,400	+70.7	35,892	22,120	+62.3						
Total Domestic	31,537	32,096	- 1.7	371,718	348,705	+ 6.6						
Injection Molding Grade	20,099	20,944	- 4.0	245,884	230,676	+ 6.6						
Extrusion Grade	9,284	8,290	+12.0	103,397	93,447	+10.6						
Resellers and Compounders	1,334	1,535	-13.1	16,278	16,879	- 3.6						
All Other Uses	820	1,327	-38.2	6,159	7,703	-20.0						

*** Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

• Exports are included in Total Domestic and Molding & Extrusion.

Styrene Based Latexes sales includes some Canadian produced material.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure
R = Revision

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

November 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	November			YEAR TO DATE			November			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	591,833	536,346	+10.3	6,752,886R	6,121,781	+10.3	593,260	517,468	+14.6	6,584,944R	6,182,710	+ 6.5
Homopolymer Resins Including Blending & Latex	541,569	486,093	+11.4	6,197,845R	5,542,684	+11.8	541,356	471,682	+14.8	6,049,629R	5,607,700	+ 7.9
Copolymer Resins Including Blending & Latex	16,798	17,596	- 4.5	188,645	237,044	-20.4	16,940	16,870	+ 0.4	179,949	238,875	-24.7
Dispersion Resins	33,466	32,657	+ 2.5	366,396	342,053	+ 7.1	34,964	28,916	+20.9	355,366	336,135	+ 5.7
Total Exports	33,854	18,812	+80.0	331,599R	260,963	+27.1						
Total Domestic	557,979	517,534	+ 7.8	6,421,287R	5,860,818	+ 9.6						
Calendering, Total	47,874	56,528	-15.3	653,953R	624,695	+ 4.7						
Flooring	11,520	13,153	-12.4	149,816R	146,690	+ 2.1						
Textile	6,653	5,002	+33.0	72,931	63,205	+15.4						
All Other Calendering Uses	29,701	38,373	-22.6	431,206R	414,800	+ 4.0						
Coating, Total	27,925	26,317	+ 6.1	301,988R	276,050	+ 9.4						
Flooring	12,847	10,853	+18.4	131,346R	113,273	+16.0						
Textile & Paper Coating	7,827	8,633	- 9.3	89,431R	84,068	+ 6.4						
Protective Coatings	3,650	3,930	- 7.1	43,247R	42,194	+ 2.5						
Adhesives & All Other Coating Uses	3,601	2,901	+24.1	37,964R	36,515	+ 4.0						
Extrusion, Total	389,453	356,581	+ 9.2	4,459,589R	4,080,422	+ 9.3						
Wire & Cable	33,780	37,014	- 8.7	383,999R	415,313	- 7.5						
Film & Sheet	20,929	19,288	+ 8.5	236,868R	207,202	+14.3						
Siding, Siding Accessories & Mobile Home Skirting	35,919	36,448	- 1.5	480,290R	426,205	+12.7						
Rigid Pipe & Tubing (Except Fittings)	258,845	223,251	+15.9	2,867,800R	2,550,473	+12.4						
All Other Extrusions	39,980	40,580	- 1.5	490,632R	481,229	+ 2.0						
Molding, Total	36,246	36,295	- 0.1	461,298R	428,186	+ 7.7						
Bottles	11,389	14,728	-22.7	178,173R	150,673	+18.3						
Sound Records	6,112	5,195	+17.7	49,538R	61,753	-19.8						
Fittings (Rigid Pipe & Tubing)	11,005	8,189	+34.4	129,833R	148,038	-12.3						
All Other Molding	7,740	8,183	- 5.4	103,754R	67,722	+53.2						
Paste Processes (Except Coating)	12,401	13,664	- 9.2	143,135R	144,627	- 1.0						
Plastisol Formulation	6,205	7,163	-13.4	69,930R	72,262	- 3.2						
All Other	6,196	6,501	- 4.7	73,205R	72,365	+ 1.2						
Resellers & Compounders	36,721	13,249	+177.2	295,209R	90,335	+226.8						
All Other Uses	7,359	14,900	-50.6	106,115	216,503	-51.0						

R - Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

NOVEMBER 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR TO DATE			NOVEMBER			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	50,714	50,225	+ 1.0	640,481R	628,272	+ 1.9	50,714	50,225	+ 1.0	640,481R	628,272	+ 1.9
Total Exports	207	383	-46.0	3,725R	5,734	-35.0						
Total Domestic	50,507	49,842	+ 1.3	636,756R	622,538	+ 2.3						
Emulsion Paints	15,291	15,851	- 3.5	218,645R	191,441	+14.2						
Adhesives, Caulks and Sealants	19,033	18,222	+ 4.5	236,030R	245,114	- 3.7						
Paper Treating & Paper Coating	9,322	9,037	+ 3.2	100,608R	102,487	- 1.8						
Textile Treating	2,303	2,336	- 1.4	29,514	29,450	+ 0.2						
Non Woven Binders	D	D		D	D							
All Other Uses .	4,558	4,396	+ 3.7	51,959	54,046	- 3.9						
POLYVINYL ALCOHOL, TOTAL #	D(4)	10,572	n.c.	D(4)	133,712	n.c.	D(4)	7,318	n.c.	D(4)	[illegible]	n.c.
Total Exports	D(4)	1,718		D(4)	27,218							
Total Domestic	D(4)	8,854		D(4)	106,494							
OTHER VINYL RESINS*, TOTAL	13,690	15,691	-12.8	168,444	175,580	- 4.1	14,500	13,537	+ 7.1	177,242	173,195	+ 2.3
Total Exports	3,681	3,884	- 5.2	46,588	43,600	+ 6.9						
Total Domestic	10,009	11,807	-15.2	121,856	131,980	- 7.7						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	92,572	79,196	+16.9	1,049,619	869,027	+20.8	99,969	81,995	+21.9	1,061,386	878,028	+20.9
Total Exports	12,448	7,902	+57.5	143,143	103,175	+38.7						
Total Domestic	80,124	71,294	+12.4	906,476	765,852	+18.4						
PET Bottle Grades	58,357	51,206	+14.0	645,659	565,896	+14.1						
All Other Thermoplastic Polyester**	21,767	20,088	+ 8.4	260,817	199,956	+30.4						

** - Includes All Other PET and All Injection Molding Grades

- Includes imputed data

(1) - Included in All Other Uses

(4) - The Publishing of PVOH data is temporarily suspended until further notice.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R - Revision

D = Disclosure

N.C. - Not Comparable

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS	
EPOXY (UNMODIFIED) RESINS	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
HIGH-DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS)	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BUTADIENE LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENE BASED LATEXES - over 50% styrene including styrene butadiene latexes not carboxylated	OTHER SBL
OTHER STYRENE BASED POLYMERS - over 40% styrene and used in molding and extrusion processes	OTHER SBP
NYLON RESINS	NYLON
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAc
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS

CATEGORY	CODE
Production	P
Domestic Sales	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.

3/19/87 A8920-5

The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED
DECEMBER 1986

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

**SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY**

RELEASE DATE: February 27, 1987

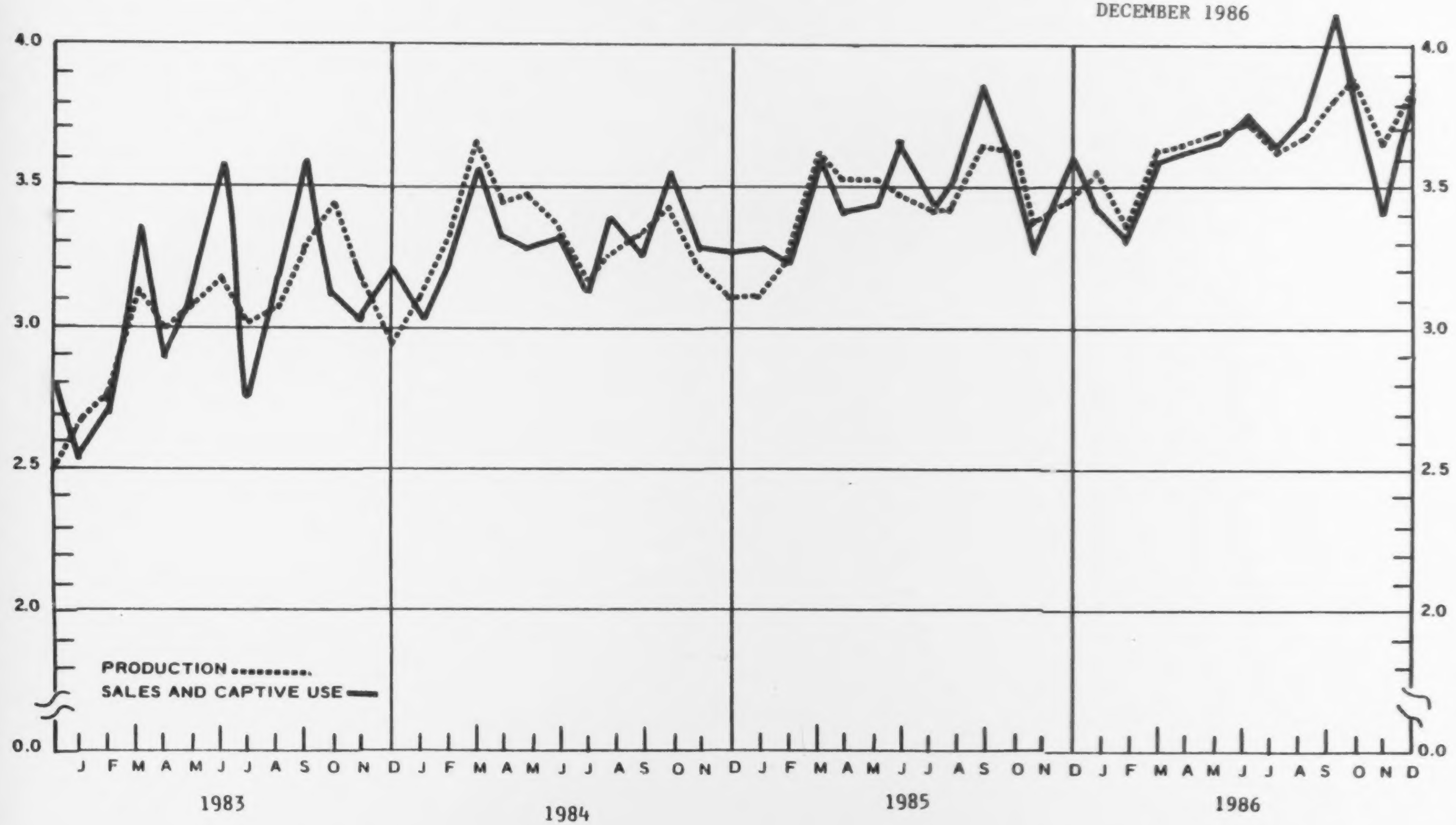
The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

PART 300/400
NON-PART 400/500

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

DECEMBER 1986



Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

December 1986

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	December			YEAR TO DATE			December			YEAR TO DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
EPOXY RESINS, TOTAL	26,299	24,651	+ 6.7	375,135R	367,211	+ 2.2	25,168	34,312	-26.6	397,883	384,624	+ 3.4
POLYESTER (UNSATURATED) RESINS, TOTAL	88,246	84,813	+ 4.0	1,265,397	1,233,292	+ 2.6	87,422	82,778	+ 5.6	1,270,962	1,223,129	+ 3.9
UREA RESINS, TOTAL	105,607	91,336	+15.6	1,265,733	1,202,631	+ 5.2	105,104	91,747	+14.6	1,271,275	1,209,846	+ 5.1
MELAMINE RESINS, TOTAL	14,465	14,920	- 3.0	191,068	194,139	- 1.6	12,333	13,746	-10.3	173,473	192,064	- 9.7
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	211,481	216,879	- 1.6	2,757,664	2,640,097	+ 4.5	212,572	214,590	- 0.9	2,721,449	2,621,100	+ 3.8
THERMOSETTING RESINS, TOTAL	446,098	430,599	+ 3.6	5,854,997R	5,637,370	+ 3.9	442,599	437,173	+ 1.2	5,835,042	5,630,763	+ 3.6
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	775,288	779,295	- 0.5	8,798,615R	8,790,484	+ 0.0	771,960	740,040	+ 4.3	8,888,158R	8,889,052	- 0.0
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	655,230	638,007	+ 2.7	7,027,865R	6,651,093	+ 5.7	606,899	583,545	+ 4.0	7,171,157R	6,671,288	+ 7.5
POLYPROPYLENE, TOTAL	540,038	495,056	+ 9.1	5,823,857R	5,275,109	+10.4	524,335	432,770	+21.2	5,811,957R	5,138,582	+13.1
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	92,895	81,667	+13.7	1,080,450	1,015,601	+ 6.4	104,429	84,318	+23.9	1,098,788	1,028,270	+ 6.9
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	8,671	4,871	+78.0	87,251	84,119	+ 3.7	9,907	6,879	+44.0	91,689	87,427	+ 4.9
POLYSTYRENE RESINS, TOTAL	387,118	361,219	+ 7.2	4,462,549R	4,108,037	+ 8.6	387,066	357,461	+ 8.3	4,442,004R	4,053,646	+ 9.6
STYRENE BASED LATEXES, TOTAL **	70,483	54,186	+30.1	866,560	790,069	+ 9.7	66,369	51,770	+28.2	822,552	736,163	+11.7
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	21,806	19,485	+11.9	279,890	269,762	+ 3.8	20,788	18,145	+14.6	280,413	272,499	+ 2.9
NYLON RESINS, TOTAL	35,527	32,025	+10.9	442,873R	402,850	+ 9.9	37,681	34,103	+10.5	465,407R	398,995	+16.6
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	661,052	598,450	+10.5	7,412,471R	6,720,231	+10.3	670,728	589,427	+13.8	7,255,672	6,772,137	+ 7.1
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	49,853	45,904	+ 8.6	690,334	674,176	+ 2.4	* 49,853	* 45,904	+ 8.6	* 690,334	* 674,176	+ 2.4
POLYVINYL ALCOHOL, TOTAL #	D(4)	12,158	n.c.	D(4)	145,870	n.c.	D(4)	12,728	n.c.	D(4)	138,352	n.c.
OTHER VINYL RESINS, TOTAL	11,913	15,857	-24.9	180,357	191,437	- 5.8	17,682	16,504	+ 7.1	194,924	189,699	+ 2.8
THERMOPLASTIC POLYESTER, TOTAL	110,681	86,705	+27.7	1,160,300	955,732	+21.4	113,452	86,647	+30.9	1,174,838	964,675	
THERMOPLASTIC RESINS, TOTAL	3,420,555	3,224,885	+ 6.1	38,313,372R	36,074,570	+ 6.2	3,381,149	3,060,241	+10.5	38,387,893R	36,014,961	+ 6.6
GRAND TOTAL	3,866,653	3,655,484	+ 5.8	44,168,369R	41,711,940	+ 5.9	3,823,748	3,497,414	+ 9.3	44,222,935R	41,645,724	+ 6.2

(1) = Except phenolic resins which are reported on a gross weight basis

* = These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

# = Includes imputed data

** = Sales and Captive Use figures include some Canadian produced material.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure
R = Revision
n.c.= Not Comparable

(4) The publishing of PVOH data has been temporarily suspended.

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In millions of pounds, dry weight basis)(1)

December 1986

RESIN KIND	DECEMBER				YEAR-TO-DATE				
	Production	Imports	Exports*	Apparent Consumption	Production	Imports	Exports*	Apparent Consumption	Import % of Apparent Consumption
EPOXY RESINS, TOTAL	25	1	7	19	398	17	97	318	5
POLYESTER (UNSATURATED) RESINS, TOTAL	88	1	11	78	1,271	7	39	1,239	1
UREA RESINS, TOTAL	105	2	0	107	1,271	26	4	1,293	2
MELAMINE RESINS, TOTAL	12	0	1	11	174	2	10	166	1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	213	4	3	214	2,721	41	37	2,725	2
THERMOSETTING RESINS, TOTAL	443	8	22	429	5,835	93	187	5,741	2
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	772	49	70	751	8,888 R	715	859	8,744	8
HIGH-DENSITY POLYTHYLENE ABOVE 0.940, TOTAL	607	5	68	544	7,171 R	45	837	6,379	1
POLYPROPYLENE, TOTAL	524	1	104	421	5,812 R	25	1,173	4,664	1
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	104	4	9	99	1,099	68	109	1,058	6
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	10	0	1	9	92	2	13	81	3
OTHER STYRENICS	87	4	8	83	1,103	51	102	1,052	5
POLYSTYRENE, TOTAL	387	0	6	381	4,442 R	17	104	4,355	0
NYLON RESINS, TOTAL	38	3	6	35	465 R	31	67	429	7
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	671	5	29	647	7,256	201	339	7,118	3
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	50	2	4	48	690	23	68	645	4
POLYVINYL ALCOHOL, TOTAL	D(4)	--	--	--	D(4)	--	--	--	--
OTHER VINYL RESINS, TOTAL	18	2	4	16	195	35	49	181	19
THERMOPLASTIC POLYESTER, TOTAL	113	1	7	107	1,175	25	126	1,074	2
THERMOPLASTIC RESINS, TOTAL	3,381	76	316	3,141	38,388 R	1,238	3,846	35,780	4
GRAND TOTAL	3,824	84	338	3,570	44,223 R	1,331	4,033	41,521	3

(1) = Except phenolic resins which are reported on a gross weight basis

(4) The publishing of PVOH data is temporarily suspended.

D = Disclosure
R = Revision

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

Sources: Production - SPI Monthly Statistical Report
Imports - Bureau of Census IM 146
Exports - Bureau of Census EM 546

* = Bureau of Census exports will differ from the SPI exports as published on pages 4 through 11 of this report.

	Import No. (1)	Export No. (2)
Epoxy	409.0200	444.5410/444.5420
Polyester, Unsaturated	409.1000	444.6000
Urea	445.3540	444.5220
Melamine	445.3520	444.5210
Phenolic	409.0600	444.5810/444.5820
Low Density Polyethylene	445.3010	444.1610
High Density Polyethylene	445.3020	444.1620
Polypropylene	445.5200	444.1700
ABS	408.7200	444.2010
SAN	408.8100	444.2020
Other Styrenics	408.7600/408.8450	444.2050
Polystyrene	408.8420	444.2030/444.2040
Nylon	408.6100	444.1210
PVC	445.4600	444.2310/444.2320
Vinyl Acetate	445.4400	444.2120
Polyvinyl Alcohol	445.4200	444.2110
Other Vinyls	445.4800	444.2330
Thermoplastic Polyester	408.6800	444.1500

(1) Tariff Schedules of the U.S. Annotated

(2) Schedule B

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING RESINS

(In thousands of pounds, dry weight basis)

DECEMBER 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
EPOXY RESINS, TOTAL	26,299	24,651	+ 6.7	375,135R	367,211	+ 2.2	25,168	34,312	- 26.6	397,883	384,624	+ 3.4
Total Exports	5,037	3,353	+50.2	56,967R	42,164	+35.1						
Captive Use, Total	726	945	-23.2	12,837	15,184	-15.5						
Domestic Sales, Total	20,536	20,353	+ 0.9	305,331R	309,863	- 1.5						
Domestic Sales & Captive Use, Total	21,262	21,298	- 0.2	318,168R	325,047	- 2.1						
Bonding & Adhesives	1,181	1,317	-10.3	19,293R	17,437	+10.6						
Flooring, Paving & Exposed Aggregate	1,183	1,403	-15.7	19,320R	17,151	+12.6						
Protective Coatings	10,234	10,543	- 2.9	160,081R	168,397	- 4.9						
Fiber Reinforced Laminates & Composites, Total	5,031	4,240	+18.7	68,613R	68,582	+ 0.0						
FRL&C for Printed Wiring Board	3,700	2,519	+46.9	47,295R	42,920	+10.2						
All Other FRL&C	1,331	1,721	-22.7	21,318R	25,662	-16.9						
Tooling, Casting & Molding Resins	1,780	1,582	+12.5	23,086R	23,358	- 1.2						
All Other Uses	1,853	2,213	-16.3	27,775	30,122	- 7.8						
POLYESTER (UNSATURATED) RESINS, TOTAL	88,246	84,813	+ 4.0	1,265,397	1,233,292	+ 2.6	87,422	82,778	+ 5.6	1,270,962	1,223,129	+ 3.9
Total Exports	599	742	-19.3	9,303	9,025	+ 3.1						
Total Domestic	87,647	84,071	+ 4.3	1,256,094	1,224,267	+ 2.6						
General Purpose Resins, Total	75,457	72,342	+ 4.3	1,085,404	1,065,766	+ 1.8						
General Purpose – Thixotropic	32,639	31,422	+ 3.9	481,744	459,292	+ 4.9						
General Purpose – Press Molding	8,684	10,222	-15.0	150,333	159,948	- 6.0						
General Purpose – All Other	34,134	30,698	+11.2	453,327	446,526	+ 1.5						
Flame Retardant Resins	1,954	2,014	- 3.0	25,661	24,312	+ 5.5						
Chemical Resistant Resins	10,236	9,715	+ 5.4	145,029	134,189	+ 8.1						
Chemical Resistant Isophthalic Resins	8,293	7,116	+16.5	117,609	101,944	+15.4						
All Other Chemical Resistant Resins	1,943	2,599	-25.2	27,420	32,245	-15.0						
Reinforced Plastics, Total	64,803	64,789	+ 0.0	945,975R	948,531	- 0.3						
Non-Reinforced Plastics, Total	22,844	19,282	+18.5	310,119R	275,736	+12.5						

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)(1)

THERMOSETTING RESINS

December 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	December			YEAR-TO-DATE			December			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
UREA RESINS, TOTAL	105,607	91,336	+15.6	1,265,733	1,202,631	+ 5.2	105,104	91,747	+14.6	1,271,275	1,209,846	+ 5.1
MELAMINE RESINS, TOTAL	14,465	14,920	- 3.0	191,068	194,139	- 1.6	12,333	13,746	-10.3	173,473	192,064	- 9.7
UREA & MELAMINE RESINS, TOTAL	120,072	106,256	+13.0	1,456,801	1,396,770	+ 4.3	117,437	105,493	+11.3	1,444,748	1,401,910	+ 3.1
Total Exports	D	D		D	D							
Total Domestic*	120,072	106,256	+13.0	1,456,801	1,396,770	+ 4.3						
Textile Treating & Coating Resins	1,778	1,279	+39.0	21,283	17,207	+23.7	1,839	1,866	- 1.4	24,791	25,473	- 2.7
Paper Treating & Coating Resins	8,124	7,790	+ 4.3	97,230	100,101	- 2.9	8,495	8,273	+ 2.7	98,890	107,492	- 8.0
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	95,629	80,884	+18.2	1,134,376	1,057,788	+ 7.2	94,617	80,636	+17.3	1,130,716	1,059,227	+ 6.7
Laminating	3,489	3,234	+ 7.9	45,196	45,321	- 0.3	3,391	3,177	+ 6.7	42,847	44,928	- 4.6
Plywood	4,728	4,238	+11.6	60,100	56,996	+ 5.4	4,633	4,404	+ 5.2	60,517	57,478	+ 5.3
Fibrous & Granulated Wood (Particle Board)	87,412	73,412	+19.1	1,029,080	955,471	+ 7.7	86,593	73,055	+18.5	1,027,352	956,821	+ 7.4
Protective Coatings (Straight & Modified)	7,346	5,985	+22.7	102,396	89,332	+14.6	6,893	6,078	+13.4	100,638	93,359	+ 7.8
All Other Uses (Includes Molding Compounds, and Exports)	7,195	10,318	-30.3	101,516	132,342	-23.3	5,593	8,640	-35.3	89,713	116,359	-22.9
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	211,481	214,879	- 1.6	2,757,664	2,640,097	+ 4.5	212,572	214,590	- 0.9	2,721,449	2,621,100	+ 3.8
Total Exports	1,421	1,991	-28.6	15,836	21,349	-25.8						
Total Domestic	210,060	212,888	- 1.3	2,741,828	2,618,748	+ 4.7						
Molding Compounds	15,435	14,840	+ 4.0	206,180	209,038	- 1.4	17,389	16,311	+ 6.6	215,632	217,249	- 0.7
Bonding & Adhesive Resins for:	190,315	190,963	- 0.3	2,491,528	2,340,486	+ 6.5	190,606	190,372	+ 0.1	2,459,809	2,333,631	+ 5.4
Laminating	14,547	11,019	+32.0	199,652	142,399	+40.2	14,946	9,356	+59.7	172,291	125,024	+37.8
Coated & Bonded Abrasives	1,528	1,214	+25.9	18,920	16,434	+15.1	1,537	1,216	+26.4	19,012	16,478	+15.4
Friction Materials	2,112	1,705	+23.9	29,367	26,176	+12.2	2,444	1,538	+58.9	28,763	26,055	+10.4
Insulation Materials	31,128	36,584	-14.9	411,617	419,380	- 1.9	30,737	37,132	-17.2	404,645	423,159	- 4.4
Foundry & Shell Molding	2,716	5,476	-50.4	41,533	77,094	-46.1	2,797	5,660	-50.6	41,526	79,819	-48.0
Plywood	114,367	104,321	+ 9.6	1,449,734	1,255,369	+15.5	113,205	104,121	+ 8.7	1,448,632	1,256,024	+15.3
Fibrous & Granulated Wood	16,935	16,792	+ 0.9	244,155	216,596	+12.7	17,345	16,650	+ 4.2	249,720	216,406	+15.4
Resins Sold to Rubber Industry	2,276	1,728	+31.7	30,780	28,242	+ 9.0	2,658	2,550	+ 4.2	28,488	31,123	- 8.5
All Other	4,706	12,124	-61.2	65,770	158,796	-58.6	4,937	12,149	-59.4	66,732	159,543	-58.2
Protective Coatings – Unmodified & Modified	2,388	1,748	+36.6	23,977	23,121	+ 3.7	2,366	1,796	+31.7	23,725	23,162	+ 2.4
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	1,922	5,337	-64.0	20,143	46,103	-56.3	2,211	6,111	-63.8	22,283	47,058	-52.6

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

# = Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

DECEMBER 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	775,288	779,295	- 0.5	8,798,615R	8,790,484	+ 0.0	771,960	740,040	+ 4.3	8,888,158R	8,889,052	- 0.0
Total Exports	90,045	70,971	+26.9	939,246R	1,130,831	-16.9						
Total Domestic	685,243	708,324	- 3.3	7,859,369R	7,659,653	+ 2.6						
Film (12 Mils & Below)	418,235	439,690	- 4.9	4,787,086R	4,777,345	+ 0.2						
Sheet (Over 12 Mils)	D(3)	D(3)		D(3)	D(3)							
Injection Molding	45,509	52,649	-13.6	574,517R	583,195	- 1.5						
Wire & Cable	23,621	20,138	+17.3	336,227R	337,272	- 0.3						
Extrusion Coating	60,228	57,388	+ 4.9	677,631R	649,352	+ 4.4						
Blow Molding	2,929	4,522	-35.2	38,582	47,126	-18.1						
Pipe & Conduit, Total	2,344	1,115	+110.2	31,617R	28,498	+10.9						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	8,308	10,596	-21.6	111,953R	102,880	+ 8.8						
Resellers & Compounders	65,203	*		606,129R	*							
All Other Uses	58,866	122,226	-51.8	695,627R	1,133,985	-38.7						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	655,230	638,007	+ 2.7	7,027,865R	6,651,093	+ 5.7	606,899	583,545	+ 4.0	7,171,157R	6,671,288	+ 7.5
Total Exports	129,429	97,267	+33.1	924,658R	877,200	+ 5.4						
Total Domestic	525,801	540,740	- 2.8	6,103,207R	5,773,893	+ 5.7						
Film (12 Mils & Below)	45,618	39,918	+14.3	497,026R	437,427	+13.6						
Sheet (Over 12 Mils)	15,255	15,899	- 4.1	176,762R	140,373	+25.9						
Injection Molding	135,930	150,532	- 9.7	1,550,289R	1,537,753	+ 0.8						
Wire & Cable	6,895	7,405	- 6.9	119,054R	113,316	+ 5.1						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	190,331	204,428	- 6.9	2,400,244R	2,245,122	+ 6.9						
Pipe & Conduit, Total	29,854	38,351	-22.2	444,453R	477,978	- 7.0						
Corrugated Pipe & Conduit	5,101	3,778	+35.0	141,978	115,590	+22.8						
Non-Corrugated Pipe & Conduit	24,753	34,573	-28.4	302,475R	362,388	-16.5						
Other Extruded Products	1,699	1,624	+ 4.6	38,495R	36,469	+ 5.6						
Resellers & Compounders	60,801	*		519,944R	*							
All Other Uses	39,418	82,583	-52.3	356,940R	785,455	-54.6						

(2) = Included in Other Extruded Products
(3) = Included in Film
* = 1985 data not available

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

DECEMBER 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
POLYPROPYLENE, TOTAL	540,038	495,056	+ 9.1	5,823,857R	5,275,109	+10.4	524,335	432,770	+21.2	5,811,957R	5,138,582	+13.1
Total Exports	121,294	85,033	+42.6	1,129,978R	874,676	+29.2						
Total Domestic	418,744	410,023	+ 2.1	4,693,879R	4,400,433	+ 6.7						
Injection Molding	106,313	103,456	+ 2.8	1,289,935R	1,274,399	+ 1.2						
Appliances	9,742	7,814	+24.7	127,135R	113,914	+11.6						
Consumer Products	23,682	27,183	-12.9	311,488R	310,159	+ 0.4						
Rigid Packaging	34,672	31,341	+10.6	430,596	386,872	+11.3						
Transportation	27,324	25,979	+ 5.2	308,112R	339,867	- 9.3						
All Other Injection Molding	10,893	11,139	- 2.2	112,604R	123,587	- 8.9						
Blow Molding	9,335	9,083	+ 2.8	104,987R	104,658	+ 0.3						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	40,292	33,487	+20.3	498,156R	389,126	+28.0						
Sheet (Over 10 Mils)	3,090	3,782	-18.3	39,605	43,655	- 9.3						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	145,322	130,474	+11.4	1,512,521R	1,432,623	+ 5.6						
Textile Applications	136,616	120,162	+13.7	1,395,243R	1,325,579	+ 5.3						
Non-Textile Monofilaments	8,706	10,312	-15.6	117,278R	107,044	+ 9.6						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	10,340	6,463	+60.0	101,438R	88,608	+14.5						
Resellers & Compounders	89,590	97,731	- 8.3	976,288R	855,606	+14.1						
All Other Uses	14,462	25,547	-43.4	170,949R	211,758	-19.3						

# = Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

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MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

DECEMBER 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	92,895	81,667	+13.7	1,080,450	1,015,601	+ 6.4	104,429	84,318	+23.9	1,098,788	1,028,270	+ 6.9
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	8,671	4,871	+78.0	87,251	84,119	+ 3.7	9,907	6,879	+44.0	91,689	87,427	+ 4.9
Total Exports	2,381	351	+578.3	13,298	8,682	+53.2						
Total Domestic	6,290	4,520	+39.2	73,953	75,437	- 2.0						
POLYSTYRENE RESINS, TOTAL	387,118	361,219	+ 7.2	4,462,549R	4,108,037	+ 8.6	387,066	357,461	+ 8.3	4,442,004R	4,053,646	+ 9.6
Straight Polystyrene	201,019	185,671	+ 8.3	2,341,198R	2,126,147	+10.1	199,385	194,015	+ 2.8	2,354,452R	2,146,760	+ 9.7
Rubber-Modified Polystyrene	186,099	175,548	+ 6.0	2,121,351R	1,981,890	+ 7.0	187,681	163,446	+14.8	2,087,552R	1,906,886	+ 9.5
Total Exports	15,403	8,818	+74.7	114,124	84,195	+35.5						
Straight Polystyrene	11,523	5,113	+125.4	80,929	48,330	+67.5						
Rubber-Modified Polystyrene	3,880	3,705	+ 4.7	33,195	35,865	- 7.4						
Total Domestic	371,715	352,401	+ 5.5	4,348,425R	4,023,842	+ 8.1						
Molding	126,107	121,330	+ 3.9	1,539,560R	1,402,779	+ 9.8						
Extrusion	180,503	152,613	+18.3	1,966,214R	1,736,571	+13.2						
Expandable Polystyrene Beads	35,175	48,947	-28.1	497,469	520,807	- 4.5						
All Other Uses	29,930	29,511	+ 1.4	345,182R	363,685	- 5.1						
Polystyrene End Uses, Total**	371,715	352,401	+ 5.5	4,348,425R	4,023,842	+ 8.1						
Packaging	96,278	84,489	+14.0	1,104,939	957,136	+15.4						
Disposables	53,383	43,859	+21.7	563,041	483,700	+16.4						
Consumer and Institutional Products	58,672	54,018	+ 8.6	610,013	654,916	- 6.9						
Electrical/Electronics	43,666	23,195	+88.3	415,367	307,517	+35.1						
Furniture, Furnishings, Building & Construction	20,560	10,380	+98.1	236,791	147,740	+60.3						
Expandable Polystyrene Beads	35,175	48,947	-28.1	497,469	520,807	- 4.5						
Resellers and Compounders	41,929	52,084	-19.5	511,767R	537,551	- 4.8						
All Other End Uses	22,052	35,429	-37.8	409,038	414,475	- 1.3						

** = Portions of the End Use Section are estimated.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

DECEMBER 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
STYRENE BASED LATEXES, TOTAL	70,483	54,186	+30.1	866,560	790,069	+9.7	66,369	51,770	+28.2	822,552	736,163	+11.7
Paper Treating	4,444	2,317	+91.8	55,687	39,064	+42.6						
Textile Treating	1,925	1,175	+63.8	20,460	17,026	+20.2						
Carpet Backing	25,119	19,771	+27.0	315,343	304,370	+3.6						
All Other Uses (Including Exports & Paper Coating)	38,995	30,923	+26.1	475,070	429,609	+10.6						
OTHER STYRENE BASED POLYMERS, TOTAL * 40% or more styrene	21,806	19,485	+11.9	279,890	269,762	+3.8	20,788	18,145	+14.6	280,413	272,499	+2.9
Total Export	D	D		D	D							
Total Domestic	21,806	19,485	+11.9	279,890	269,762	+3.8						
Molding & Extrusion	19,203	15,987	+20.1	225,632	208,440	+8.2						
Coatings	2,603	3,498	-25.6	54,258	61,322	-11.5						
NYLON RESINS, TOTAL	35,527	32,025	+10.9	442,873R	402,850	+9.9	37,681	34,103	+10.5	465,407R	398,995	+16.6
Total Exports	3,544	2,256	+57.1	39,436R	24,376	+61.8						
Total Domestic	31,983	29,769	+7.4	403,437R	378,474	+6.6						
Injection Molding Grade	20,165	20,604	-2.1	265,785R	251,280	+5.8						
Extrusion Grade	8,825	6,972	+26.6	112,222R	100,419	+11.8						
Resellers and Compounders	2,096	1,550	+35.2	18,374R	18,429	-0.3						
All Other Uses	897	643	+39.5	7,056R	8,346	-15.5						

*** = Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

* = Exports are included in Total Domestic and Molding & Extrusion.

Styrene Based Latexes sales includes some Canadian-produced material.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure
R = Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

DECEMBER 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	661,052	598,450	+10.5	7,412,471R	6,720,231	+10.3	670,728	589,427	+13.8	7,255,672	6,772,137	+ 7.1
Homopolymer Resins Including Blending & Latex	612,772	548,081	+11.8	6,809,150R	6,090,765	+11.8	617,703	534,932	+15.5	6,667,332	6,142,632	+ 8.5
Copolymer Resins Including Blending & Latex	14,828	16,279	- 8.9	203,473	253,323	-19.7	18,178	17,020	+ 6.8	198,127	255,895	-22.6
Dispersion Resins	33,452	34,090	- 1.9	399,848	376,143	+ 6.3	34,847	37,475	- 7.0	390,213	373,610	+ 4.4
Total Exports	38,088	30,662	+24.2	369,687	291,625	+26.8						
Total Domestic	622,964	567,788	+ 9.7	7,042,784R	6,428,606	+ 9.6						
Calendering, Total	61,462	65,323	- 5.9	715,581R	690,018	+ 3.7						
Flooring	12,788	14,142	- 9.6	162,604	160,832	+ 1.1						
Textile	5,976	8,191	-27.0	78,907	71,396	+10.5						
All Other Calendering Uses	42,698	42,990	- 0.7	474,070R	457,790	+ 3.6						
Coating, Total	28,118	26,890	+ 4.6	330,106	302,940	+ 9.0						
Flooring	12,439	11,970	+ 3.9	143,785	125,243	+14.8						
Textile & Paper Coating	7,996	8,947	-10.6	97,427	93,015	+ 4.7						
Protective Coatings	4,864	3,470	+40.2	48,111	45,664	+ 5.4						
Adhesives & All Other Coating Uses	2,819	2,503	+12.6	40,783	39,018	+ 4.5						
Extrusion, Total	440,054	400,572	+ 9.9	4,899,477R	4,480,994	+ 9.3						
Wire & Cable	35,590	39,451	- 9.8	419,423R	454,764	- 7.8						
Film & Sheet	21,230	18,376	+15.5	258,098	225,578	+14.4						
Siding, Siding Accessories & Mobile Home Skirting	46,029	38,570	+19.3	526,319	464,775	+13.2						
Rigid Pipe & Tubing (Except Fittings)	297,660	258,336	+15.2	3,165,460	2,808,809	+12.7						
All Other Extrusions	39,545	45,839	-13.7	530,177	527,068	+ 0.6						
Molding, Total	35,048	37,213	- 5.8	494,879R	465,399	+ 6.3						
Bottles	9,743	11,916	-18.2	187,916	162,589	+15.6						
Sound Records	5,775	5,816	- 0.7	53,846R	67,569	-20.3						
Fittings (Rigid Pipe & Tubing)	10,907	11,618	- 6.1	140,740	159,656	-11.8						
All Other Molding	8,623	7,863	+ 9.7	112,377	75,585	+48.7						
Paste Processes (Except Coating)	12,407	11,143	+11.3	155,542	155,770	- 0.1						
Plastisol Formulation	5,550	5,220	+ 6.3	75,480	77,482	- 2.6						
All Other	6,857	5,923	+15.8	80,062	78,288	+ 2.3						
Resellers & Compounders	36,956	10,573	+249.5	332,165	100,908	+229.2						
All Other Uses	8,919	16,074	-44.5	115,034	232,577	-50.5						

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

DECEMBER 1986

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change	1986	1985	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	49,853	45,904	+ 8.6	690,334	674,176	+ 2.4	49,853	45,904	+ 8.6	690,334	674,176	+ 2.4
Total Exports	239	390	-38.7	3,964	6,124	-35.3						
Total Domestic #	49,614	45,514	+ 9.0	686,370	668,052	+ 2.7						
Emulsion Paints	15,076	13,056	+15.5	233,721	204,497	+14.3						
Adhesives, Caulks and Sealants	18,330	17,323	+ 5.8	254,360	262,437	- 3.1						
Paper Treating & Paper Coating	9,274	8,482	+ 9.3	109,882	110,969	- 1.0						
Textile Treating	2,530	2,514	+ 0.6	32,044	31,964	+ 0.3						
Non-Woven Binders	D	D		D	D							
All Other Uses .	4,404	4,139	+ 6.4	56,363	58,185	- 3.1						
POLYVINYL ALCOHOL, TOTAL #	D(4)	12,158	n.c.	D(4)	145,870	n.c.	D(4)	12,728	n.c.	D(4)	138,352	n.c.
Total Exports	D(4)	3,657		D(4)	30,875							
Total Domestic	D(4)	8,501		D(4)	114,995							
OTHER VINYL RESINS*, TOTAL	11,913	15,857	-24.9	180,357	191,437	- 5.8	17,682	16,504	+ 7.1	194,924	189,699	+ 2.8
Total Exports	3,073	3,786	-18.8	49,661	47,386	+ 4.8						
Total Domestic	8,840	12,071	-26.8	130,696	144,051	- 9.3						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	110,681	86,705	+27.7	1,160,300	955,732	+21.4	113,452	86,647	+ 30,9	1,174,838	964,675	+21.8
Total Exports	8,425	10,856	-22.4	151,568	114,031	+32.9						
Total Domestic	102,256	75,849	+34.8	1,008,732	841,701	+19.8						
PET Bottle Grades	76,508	56,202	+36.1	722,167	622,098	+16.1						
All Other Thermoplastic Polyester**	25,748	19,647	+31.1	286,565	219,603	+30.5						

** = Includes All Other PET and All Injection Molding Grades

# = Includes imputed data

(1) = Included in All Other Uses

(4) = The Publishing of PVOH data is temporarily suspended until further notice.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision

D = Disclosure

n.c.= Not Comparable

SECTION I

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS

EPOXY (UNMODIFIED) RESINS	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
HIGH-DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS)	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BUTADIENE LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENE BASED LATEXES - over 50% styrene including styrene butadiene latexes not carboxylated	OTHER SBL
OTHER STYRENE BASED POLYMERS - over 40% styrene and used in molding and extrusion processes	OTHER SBP
NYLON RESINS	NYLON
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAc
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS

CATEGORY	CODE
Production	P
Domestic Sales	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

FOURTH QUARTER, 1986

	RESIN CATEGORY																		
COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL OSBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ADVANCE COATING CO.		PD																	
A & E PLASTICS											PDE								
AIR PRODUCTS & CHEMICALS															PDE	DE	PDE		
ALLIED CHEMICAL CO.							PDE							PDE					PD
ALLIED BENDIX					PD														
ALPHA CHEMICAL CORPORATION		PDE																	
AMERICAN CYANAMID COMPANY			PDE	PDE															
AMERICAN HOECHST CORP. - PLASTICS DIVISION							PDE												
AMERICAN HOECHST CORP. SOU-TEX DIVISION				PD	PD														
AMETEK, HAVEG DIVISION					PD														
AMOCO CHEMICAL CORPORATION							PDE	PDE			PDE								
ANDERSON DEVELOPMENT CO.													PD						
ARCO CHEMICAL											PDE		PDE						
ARISTECH CHEMICAL CO.		PDE						PDE											
ASHLAND CHEMICAL COMPANY		PDE			PD														
ASOMA POLYMERS, INC.											PD								
ATOCHEM, INC.														PDE					
AZS CORPORATION		PD																	
BASF CORPORATION											PDE			PDE					

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL OSBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
BELDING CHEMICAL INDUSTRIES														PD					
BORDEN CHEMICAL COMPANY			PD	PD	PDE										PDE	D			
BORG-WARNER CHEMICALS, INC.									PDE	PD									
CARGILL, INC.		PD																	
CELANESE CHEMICAL COMPANY																D			
CELANESE ENGINEERING RESINS														PDE					PDE
CERTAIN-TEED PRODUCTS CORP.															PD				
CHEMBOND CORPORATION			PD	PD	PDE														
CHEVRON CHEMICAL OLEFINS						PDE	PDE				PDE								
CIBA-GEIGY CORP	PDE																		
COOK PAINT & VARNISH		PD																	
CUSTOM RESINS, INC.														PD					
DAN RIVER, INC.			PD																
DART POLYMERS											PD								
DIVERSITECH GENERAL													PDE						
DOW CHEMICAL U.S.A.	PDE	PDE				PDE	PDE		PDE	PDE	PDE	PDE	PDE					PDE	
E. I. DUPONT DE NEMOURS AND COMPANY						PDE	PDE						PDE	PDE			PDE	PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE		PDE											PDE
EL PASO PRODUCTS CO.						PDE		PDE											

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL OSBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
EMSER INDUSTRIES														PD					
EXXON CHEMICAL AMERICAS						PDE	PDE	PDE											
FINA OIL & CHEMICAL								PDE			PDE								
FIRESTONE SYNTHETIC RUBBER & LATEX													PD						
FORMICA CORPORATION				PDE	D														
FORMOSA PLASTICS CORPORATION															PD				
FREEMAN CHEMICAL CORPORATION		PD																	
H. B. FULLER																D			
GENERAL ELECTRIC COMPANY																			PDE
GEORGIA-GULF															PDE				
GEORGIA-PACIFIC CORPORATION			PD		PD														
GLIDDEN COATINGS AND RESINS DIV OF SCM		PD																	
B. F. GOODRICH CHEMICAL CO.										PDE									
GOODSON CHEMICAL CORP.											PD								
GOODYEAR CHEMICAL DIVISION												PD	PDE		PDE				PDE
DEWEY & ALMY DIVISION W. R. GRACE & COMPANY									PD			PD				D		PDE	
GRIFFTEX CHEMICALS			PD	PD															
HARBORCHEM, INC.			PD	PD															
HIMONT USA, INC.								PDE	PDE										

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	S OS BB LL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
HOECHST FIBERS INDUSTRIES																			PDE
HUNTSMAN CHEMICAL CORP.											PDE								
ICI AMERICAS		PDE																	PDE
INMONT CORPORATION		PDE			PD														
INTERPLASTICS CORPORATION		PD																	
INTEREZ, INC.	PDE		PD	PD															
IRONSIDES CO.					PD														
KEYSOR-CENTURY CORPORATION															PD				
KOPPERS COMPANY		PD			PDE														
MASONITE CORPORATION					PD														
MOBIL CHEMICAL COMPANY						PDE	PDE				PDE								
MONSANTO COMPANY			PDE	PDE					PDE	PDE			PDE	PDE		DE		PDE	
MORTON INDUSTRIES												PD							
NATIONAL STARCH & CHEMICALS CORP																D			
NYLON CORP. OF AMERICA														PD					
OCCIDENTAL CHEMICAL CORP.					PDE														
OWENS-CORNING FIBERGLAS		PDE		PD	PD														
PERKINS INDUSTRIES, INC.		PD			PD														
PERSTORP COMPOUNDS INC.			PDE	PDE															

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL OSBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
PHILLIPS CHEMICAL COMPANY						DE	PDE	PD					PDE						
PLASLOK CORPORATION					PD														
PLASTICS ENGINEERING COMPANY					PDE														
POLYMER APPLICATION, INC.					PD														
POLYREZ COMPANY, INC.					PDE														
POLYSAR, INC.											PDE								
POLYSAR LATEX												PD							
RAYMARK INDUSTRIES					PD														
REICHHOLD CHEMICALS, INC.	PDE	PDE	PDE	PDE	PDE							PD				DE			
ROGERS CORPORATION					PDE														
ROHM AND HAAS COMPANY													PDE			D		PDE	
SHAKESPEARE COMPANY														PD					
SHELL CHEMICAL COMPANY	PDE							PDE											
SHINTECH, INC.															PDE				
SILMAR DIV. OF SOHIO CHEM. CO.		PDE																	
SOLTEX POLYMER CORP.						PDE	PDE	PDE											
TEXSTYRENE PLASTICS											PD								
UNION CARBIDE COPORATION	PDE				PDE	PDE	PDE									DE			
UNION CHEMICAL												PD				D		PD	

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

	RESIN CATEGORY																		
COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL OSBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
U.S.I. CHEMICALS CO.						PDE	PDE	PDE								D			
VALCHEM DIV. OF UNITED MERCHANTS, INC.			PD																
VALITE DIVISION OF VLATENTINE SUGARS, INC.					PD														
VANLEER CONTAINERS, INC.					PD														
VISTA CHEMICAL CO.															PDE				
WELLMAN, INC.														PDE					
TOTALS	6	18	14	13	26	11	13	11	4	4	14	8	9	12	11	12	2	7	8

4/2/87 A8920-5

The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FULL YEAR 1986

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

**SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY**

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RELEASE DATE: March 25, 1987

The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

PART 300/400
NON-PART 400/500

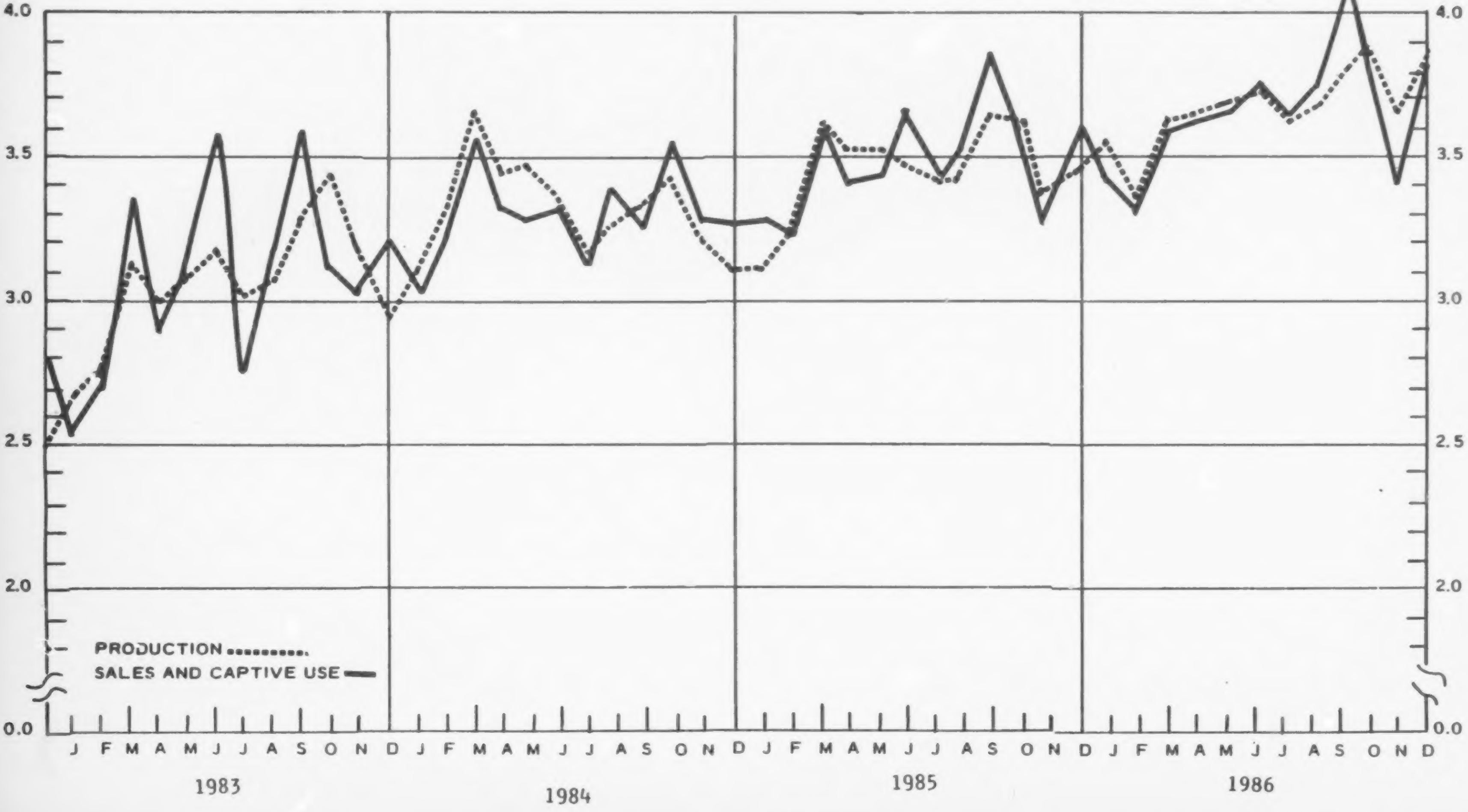
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

FULL YEAP 1986



Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis) (1)

FULL YEAR 1986

PRODUCTION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
EPOXY RESINS, TOTAL	28,475	30,317	32,645	29,959	37,516	38,702	34,616	31,289	45,387	29,580	34,229	25,168	397,883
POLYESTER (UNSATURATED) RESINS, TOTAL	97,410	101,649	108,789	115,023	113,590	114,211	104,965	104,760	110,071	113,997	99,075	87,365	1,270,905R
UREA RESINS, TOTAL	96,137	97,694	107,008	109,065	103,702	111,612	99,243	105,087	113,387	116,273	106,963	105,104	1,271,275
MELAMINE RESINS, TOTAL	12,192	14,121	16,720	18,307	13,191	14,182	12,151	13,025	14,875	17,188	15,188	12,333	173,473
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	221,145	212,307	225,799	242,926	221,050	233,586	226,790	229,836	239,672	250,871	215,716	215,367	2,735,065R
THERMOSETTING RESINS, TOTAL	**455,359**	**456,088**	**490,961**	**515,280**	**489,049**	**512,293**	**477,765**	**483,997**	**523,392**	**527,909**	**471,171**	**445,337**	**5,848,601R**
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	817,452	695,846	739,485	695,620	760,484	737,209	727,823	711,238	758,302	771,345	720,829	767,477	8,903,110R
HIGH-DENSITY POLYTHYLENE ABOVE 0.940, TOTAL	558,505	545,087	587,202	601,851	606,754	584,525	599,669	630,129	622,319	641,921	598,740	605,699	7,162,401R
POLYPROPYLENE, TOTAL	487,680	427,272	487,032	481,668	477,251	463,694	469,771	485,342	490,114	504,133	513,665	524,257	5,811,879R
ACRYLONITRILE-BUTADIENE STYRENE (ABS) RESINS, TOTAL	76,703	95,495	95,620	103,436	82,400	86,095	75,823	89,870	85,238	100,026	100,453	101,229	1,092,388R
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	8,077	8,004	7,033	6,636	7,366	6,369	5,749	7,435	8,652	7,994	8,467	9,907	91,689
POLYSTYRENE RESINS, TOTAL	323,659	324,175	344,138	381,262	386,085	380,481	383,437	387,393	378,066	403,100	380,838	397,081	4,469,715R
STYRENE BASED LATEXES, TOTAL**	65,829	61,566	65,915	69,001	66,492	71,515	63,626	71,862	67,705	77,095	76,330	66,369	823,305R
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	23,825	19,590	22,309	16,875	25,138	26,473	27,397	24,677	24,873	25,235	23,233	20,788	280,413
NYLON RESINS, TOTAL	39,206	35,918	40,385	44,748	39,034	37,421	39,592	35,846	36,404	41,874	37,298	37,681	465,407
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	564,152	561,718	635,368	605,066	587,199	607,580	591,151	599,568	626,756	613,222	593,260	670,728	7,255,768R
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	* 59,203	* 54,351	* 59,469	* 62,127	* 60,534	* 58,933	* 57,164	* 58,167	* 61,410	* 58,409	* 50,714	* 49,637	* 690,118R
POLYVINYL ALCOHOL, TOTAL	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)
OTHER VINYL RESINS, TOTAL	17,397	15,916	15,562	21,125	16,960	16,969	14,307	13,944	15,807	14,755	14,500	17,682	194,924
THERMOPLASTIC POLYESTER, TOTAL	85,823	86,652	94,701	94,126	97,397	97,621	100,584	93,844	105,147	105,522	99,969	115,452	1,174,838
THERMOPLASTIC RESINS, TOTAL	**3,127,511**	**2,931,590**	**3,194,219**	**3,183,941**	**3,213,094**	**3,174,885**	**3,156,093**	**3,209,315**	**3,280,793**	**3,364,631**	**3,218,296**	**3,381,987**	**38,435,955R**
GRAND TOTAL	**3,582,870**	**3,387,678**	**3,685,180**	**3,698,821**	**3,702,143**	**3,687,178**	**3,633,858**	**3,693,312**	**3,804,185**	**3,892,540**	**3,689,467**	**3,827,324**	**44,284,556R**

D = Disclosure
R = Revision

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

(1) = Except phenolic resins which are reported on a gross weight basis.

* = These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

(4) = The Publishing of PVOH data is temporarily suspended.

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis) (1)

FULL YEAR 1986

SALES & CAPTIVE USE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
EPOXY RESINS, TOTAL	32,724	29,085	33,154	33,089	32,056	31,212	31,083	30,726	36,894	31,554	28,079	26,299	375,955R
POLYESTER (UNSATURATED) RESINS, TOTAL	99,863	101,154	108,935	113,657	112,275	113,440	104,884	102,011	110,124	111,723	99,110	88,246	1,265,372R
UREA RESINS, TOTAL	96,789	96,201	105,828	108,609	102,873	111,571	98,965	103,634	113,780	115,874	106,002	105,607	1,265,733
MELAMINE RESINS, TOTAL	16,040	15,416	15,429	16,757	15,173	15,933	15,521	15,062	16,381	19,532	15,359	14,465	191,068
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	229,032	215,027	227,110	244,791	228,651	234,091	234,967	229,372	242,758	256,073	215,132	214,276	2,771,269R
THERMOSETTING RESINS, TOTAL	**474,448**	**456,883**	**490,456**	**516,903**	**490,978**	**506,247**	**485,420**	**480,805**	**519,937**	**534,756**	**463,682**	**448,893**	**5,869,408R**
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	727,505	611,774	721,544	687,537	719,451	739,335	803,219	767,509	843,139	755,713	646,601	775,288	8,798,615R
HIGH-DENSITY POLYTHYLENE ABOVE 0.940, TOTAL	474,335	541,152	565,742	568,710	583,861	618,874	587,740	627,054	688,629	578,262	538,276	655,230	7,027,865R
POLYPROPYLENE, TOTAL	403,823	452,881	467,260	500,577	465,595	480,464	477,758	512,626	551,918	516,756	454,161	540,038	5,823,857R
ACRYLONITRILE-BUTADIENE STYRENE (ABS) RESINS, TOTAL	81,879	89,110	92,108	93,832	82,666	88,755	78,355	86,331	96,222	99,571	98,726	92,895	1,080,450
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	7,123	6,759	7,149	5,820	6,683	5,653	5,986	7,542	9,425	8,373	8,067	8,671	87,251
POLYSTYRENE RESINS, TOTAL	347,669	320,564	368,661	387,004	379,158	401,066	357,298	361,525	415,075	395,030	342,381	387,118	4,462,549
STYRENE BASED LATEXES, TOTAL	73,013	66,504	67,369	71,122	71,214	72,535	70,619	75,150	78,723	79,266	71,315	70,483	867,313R
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	24,331	18,345	25,725	24,833	20,651	25,883	25,597	23,786	25,189	24,653	19,091	21,806	279,890
NYLON RESINS, TOTAL	37,689	37,946	37,865	37,965	38,417	35,553	34,060	35,643	35,811	41,026	35,371	35,527	442,873
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	609,969	576,339	622,202	567,900	635,451	620,473	571,575	608,217	689,552	658,397	590,924	661,052	7,412,051R
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	59,203	54,351	59,469	62,127	60,534	58,933	57,164	58,167	61,410	58,409	50,714	49,637	690,118R
POLYVINYL ALCOHOL, TOTAL	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)
OTHER VINYL RESINS, TOTAL	14,195	15,065	15,660	19,490	16,170	16,168	15,764	13,945	12,374	15,923	13,690	11,913	180,357
THERMOPLASTIC POLYESTER, TOTAL	83,734	82,293	89,430	98,353	103,454	95,130	99,556	96,687	104,795	103,615	92,572	110,681	1,160,300
THERMOPLASTIC RESINS, TOTAL	**2,944,468**	**2,873,083**	**3,140,184**	**3,125,270**	**3,183,305**	**3,258,822**	**3,184,691**	**3,274,182**	**3,612,262**	**3,334,994**	**2,961,889**	**3,420,339**	**38,313,489R**
GRAND TOTAL	**3,418,916**	**3,329,966**	**3,630,640**	**3,642,173**	**3,674,283**	**3,765,069**	**3,670,111**	**3,754,987**	**4,132,199**	**3,869,750**	**3,425,571**	**3,869,232**	**44,182,897R**

D = Disclosure
R = Revision

(1) = Except phenolic resins which are reported on a gross weight basis

(4) = The publishing of PVOH data has been temporarily suspended.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In millions of pounds, dry weight basis)(1)

FULL YEAR 1986

RESIN KIND	YEAR-TO-DATE Production	Imports	Exports*	Apparent Consumption	Import % of Apparent Consumption
EPOXY RESINS, TOTAL	398	17	97	318	5
POLYESTER (UNSATURATED) RESINS, TOTAL	1,271 R	7	39	1,239	1
UREA RESINS, TOTAL	1,271	26	4	1,293	2
MELAMINE RESINS, TOTAL	174	2	10	166	1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	2,735 R	41	37	2,739	1
THERMOSETTING RESINS, TOTAL	5,849 R	93	187	5,755	2
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	8,903 R	715	859	8,759	8
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	7,182 R	45	837	6,390	1
POLYPROPYLENE, TOTAL	5,812 R	25	1,173	4,664	1
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	1,092 R	68	109	1,051	6
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	92	2	13	81	2
OTHER STYRENICS	1,104 R	51	102	1,053	5
POLYSTYRENE, TOTAL	4,470 R	17	104	4,383	0
NYLON RESINS, TOTAL	465 R	31	67	429	7
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	7,256 R	201	339	7,118	3
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	690 R	23	68	645	4
POLYVINYL ALCOHOL, TOTAL	D(4)	--	--	--	--
OTHER VINYL RESINS, TOTAL	195	35	49	181	19
THERMOPLASTIC POLYESTER, TOTAL	1,175	25	126	1,074	2
THERMOPLASTIC RESINS, TOTAL	38,436 R	1,238	3,846	35,828	3
GRAND TOTAL	44,285 R	1,331	4,033	41,583	3

(1) = Except phenolic resins which are reported on a gross weight basis

(4) The publishing of PVOH data is temporarily suspended.

Note: Year-to-date figures include government revisions.

D = Disclosure
R = Revision

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

Sources: Production - SPI Monthly Statistical Report
Imports - Bureau of Census IM 146
Exports - Bureau of Census EM 546

* = Bureau of Census exports will differ from SPI exports as published on pages 5 through 13 of this report.

	Import No. (1)	Export No. (2)
Epoxy	409.0200	444.5410/444.5420
Polyester, Unsaturated	409.1000	444.6000
Urea	445.3540	444.5220
Melamine	445.3520	444.5210
Phenolic	409.0600	444.5810/444.5820
Low Density Polyethylene	445.3010	444.1610
High Density Polyethylene	445.3020	444.1620
Polypropylene	445.5200	444.1700
ABS	408.7200	444.2010
SAN	408.8100	444.2020
Other Styrenics	408.7600/408.8450	444.2050
Polystyrene	408.8420	444.2030/444.2040
Nylon	408.6100	444.1210
PVC	445.4600	444.2310/444.2320
Vinyl Acetate	445.4400	444.2120
Polyvinyl Alcohol	445.4200	444.2110
Other Vinyls	445.4800	444.2330
Thermoplastic Polyester	408.6800	444.1500

(1) Tariff Schedules of the U.S. Annotated
(2) Schedule B

SECTION 1
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

FULL YEAR 1986

RESIN KIND & USE	January	February	March	April	May	June	July	August	Septembe	October	November	December	Total
EPOXY RESINS, TOTAL (P)	28,475	30,317	32,645	29,959	37,516	38,702	34,616	31,289	45,387	29,580	34,229	25,168	397,883
EPOXY RESINS, TOTAL (S&U)	32,724	29,085	33,154	33,089R	32,056	31,212	31,083	30,726	36,894	31,554	28,079	26,299	375,955R
EXPORTS, TOTAL	5,796	3,952	3,878	5,017	5,244	2,539	4,797	4,001	7,702	3,598	5,406	5,037	56,967
CAPTIVE USE, TOTAL	1,298	891	1,090	1,259	1,111	954	977	1,237	1,104	1,110	1,080	726	12,837
DOMESTIC SALES, TOTAL	25,630	24,242	28,186	26,813R	25,701	27,719	25,309	25,488	28,088	26,846	21,593	20,536	306,151R
DOMESTIC SALES & CAPTIVE USE, TOTAL	26,928	25,133	29,276	28,072R	26,812	28,673	26,286	26,725	29,192	27,956	22,673	21,262	318,988R
BONDING & ADHESIVES	1,637	1,647	1,957	1,436R	1,739	1,501	1,612	1,527	2,067	1,542	1,452	1,181	19,298R
FLOORING, PAVING & EXPOSED AGGREGATE	1,148	1,435	1,813	1,718	1,763	1,809	2,030	1,477	1,730	1,799	1,415	1,183	19,320
PROTECTIVE COATINGS	13,233	12,516	14,901	13,420R	13,723	14,412	13,777	13,993	14,705	14,007	11,172	10,234	160,093R
FIBER REINFORCED LAMINATES & COMPOSITES, TOTAL	6,745	5,704	6,747	6,439	5,135	6,073	4,898	5,551	5,683	5,881	4,726	5,031	68,613
FRL&C FOR PRINTED WIRING BOARD	3,827	3,626	4,803	4,688	3,573	4,409	3,339	3,833	3,975	4,263	3,259	3,700	47,295
ALL OTHER FRL&C	2,918	2,078	1,944	1,751	1,562	1,664	1,559	1,718	1,708	1,618	1,467	1,331	21,318
TOOLING, CASTING & MOLDING RESINS	2,154	1,818	1,780	2,241R	1,802	1,883	1,803	2,068	2,228	2,044	1,505	1,780	23,106R
ALL OTHER USES	2,011	2,013	2,078	2,818	2,650	2,995	2,166	2,109	2,779	2,683	2,403	1,853	28,558
POLYESTER (UNSATURATED) RESINS, TOTAL (P)	97,410	101,649	108,789	115,023	113,590	114,211	104,965	104,760	110,071	113,997	99,075	87,365	1,270,905R
POLYESTER (UNSATURATED) RESINS, TOTAL (S&U)	99,863	101,154	108,935	113,657	112,225	113,440	104,884	102,011	110,124R	111,723	99,110	88,246	1,265,372R
EXPORTS, TOTAL	869	811	1,170	559	703	867	919	525	817	723	741	599	9,303
DOMESTIC, TOTAL	98,994	100,343	107,765	113,098	111,522	112,573	103,965	101,486	109,307R	111,000	98,369	87,647	1,256,069R
GENERAL PURPOSE RESINS, TOTAL	86,021	87,657	93,867	96,109	97,618	96,969	89,666	86,875	93,930	96,424	84,811	75,457	1,085,404
GENERAL PURPOSE - THIXOTROPIC	37,958	39,390	40,481	42,958	41,984	41,368	40,759	41,059	41,552	43,242	38,354	32,639	481,744
GENERAL PURPOSE - PRESS MOLDING	13,543	15,776	12,797	11,142	17,376	11,496	9,622	12,802	15,654	11,071	10,370	8,684	150,333
GENERAL PURPOSE - ALL OTHER	34,520	32,491	40,589	42,009	38,258	44,105	39,285	33,014	36,724	42,111	36,087	34,134	453,327
FLAME RETARDANT RESINS	1,912	2,089	2,386	2,182	1,894	2,355	2,004	2,132	2,551	2,123	2,079	1,954	25,661
CHEMICAL RESISTANT RESINS	11,061	10,597	11,512	14,807	12,010	13,249	12,295	12,479	12,826R	12,453	11,479	10,236	145,004R
CHEMICAL RESISTANT ISOPHTHALIC	9,008	8,318	9,271	12,156	9,759	10,733	10,262	10,005	10,505	10,120	9,179	8,293	117,609
ALL OTHER CHEMICAL RESISTANT	2,053	2,279	2,241	2,651	2,251	2,516	2,033	2,474	2,321R	2,333	2,300	1,943	27,395R
REINFORCED PLASTICS, TOTAL	76,939	78,060	83,386	84,516	82,973	84,129	76,713	75,690	82,470R	82,582R	74,411R	65,608	947,477R
NON-REINFORCED PLASTICS, TOTAL	22,055	22,283	24,379	28,582	28,549	28,444	27,252	25,796	26,837	28,418	23,958	22,039	308,592

(P) = Production (S) = Sales (U) = Captive use

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

R Revision will not agree with year to date in December report because of late corrections by participating companies after the release of the December report. Final figures for the year 1986 are included herein.

SECTION 1
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

FULL YEAR 1986

RESIN KIND & USE	January	February	March	April	May	June	July	August	September	October	November	December	Total
UREA RESINS, TOTAL (P)	96,137	97,694	107,008	109,065	103,702	111,612	99,243	105,087	113,387	116,273	106,963	105,104	1,271,275
UREA RESINS, TOTAL (S&U)	96,789	96,201	105,828	108,609	102,873	111,571	98,965	103,634	113,780	115,874	106,002	105,607	1,265,733
MELAMINE RESINS, TOTAL (P)	12,192	14,121	16,720	18,307	13,191	14,182	12,151	13,025	14,875	17,188	15,188	12,333	173,475
MELAMINE RESINS, TOTAL (S&U)	16,040	15,416	15,429	16,757	15,173	15,933	15,521	15,062	16,381	19,532	15,359	14,465	191,068
UREA & MELAMINE RESINS, TOTAL (P)	108,329	111,815	123,728	127,372	116,893	125,794	111,394	118,112	128,262	133,461	122,151	117,437	1,444,748
TEXTILE TREATING & COATING RESINS	2,749	1,912	2,302	2,032	2,014	2,151	1,739	1,955	2,357	2,783	958	1,839	24,791
PAPER TREATING & COATING RESINS	7,187	7,636	9,788	8,452	8,599	9,009	8,582	7,151	8,695	7,613	7,683	8,495	98,890
MOLDING COMPOUNDS (1)	D	D	D	D	D	D	D	D	D	D	D	D	D
BONDING & ADHESIVE RESINS FOR:	84,214	86,206	93,908	96,584	90,662	99,420	88,087	94,030	101,000	104,103	97,885	94,617	1,150,716
LAMINATING	3,261	3,492	3,374	3,621	3,105	3,198	3,247	3,326	4,146	5,019	3,667	3,391	42,847
PLYWOOD	3,972	4,756	5,522	5,158	4,853	5,448	5,733	4,188	5,504	5,757	4,913	4,633	60,517
FIBROUS & GRANULATED WOOD (PARTICLE BOARD)	76,981	77,958	85,012	87,805	82,704	90,774	79,107	86,516	91,270	93,327	89,305	86,593	1,027,352
PROTECTIVE COATINGS (STRAIGHT & MODIFIED)	6,322	8,702	10,696	12,149	7,212	8,433	6,752	7,438	7,467	9,820	8,754	6,893	100,658
All OTHER USES	7,857	7,359	7,034	8,155	8,406	6,781	6,234	7,538	8,743	9,142	6,871	5,593	89,713
UREA & MELAMINE RESINS, TOTAL (S&U)	112,829	111,617	121,257	125,366	118,046	127,504	114,486	118,696	130,161	135,406	121,361	120,072	1,456,801
TOTAL EXPORTS (2)	D	D	D	D	D	D	D	D	D	D	D	D	D
TOTAL DOMESTIC	112,829	111,617	121,257	125,366	118,046	127,504	114,486	118,696	130,161	135,406	121,361	120,072	1,456,801
TEXTILE TREATING & COATING RESINS	2,162	1,504	1,203	1,426	1,839	1,679	1,110	1,331	1,930	3,148	2,173	1,778	21,283
PAPER TREATING & COATING RESINS	7,125	7,779	9,609	8,549	8,156	8,928	8,487	7,170	8,067	7,745	7,491	8,124	97,250
MOLDING COMPOUNDS (1)	D	D	D	D	D	D	D	D	D	D	D	D	D
BONDING & ADHESIVE RESINS FOR:	85,816	85,901	94,187	96,846	90,522	100,383	88,455	93,650	102,118	104,131	96,738	95,629	1,134,376
LAMINATING	3,377	3,736	3,450	3,768	3,328	3,715	3,645	3,420	4,219	5,182	3,867	3,489	45,196
PLYWOOD	3,959	4,753	5,489	5,067	4,825	5,330	5,684	4,344	5,556	5,628	4,737	4,728	60,100
FIBROUS & GRANULATED WOOD (PARTICLE BOARD)	78,480	77,412	85,248	88,011	82,369	91,338	79,126	85,886	92,343	93,321	88,134	87,412	1,029,080
PROTECTIVE COATINGS (STRAIGHT & MODIFIED)	9,431	8,764	8,807	8,678	8,362	8,372	8,530	8,099	8,543	9,693	7,771	7,346	102,396
ALL OTHER USES	8,295	7,669	7,451	9,867	9,167	8,142	7,904	8,446	9,503	10,689	7,188	7,195	101,516

(P) = PRODUCTION (S) = SALES (U) = CAPTIVE USE

(1) = Included In All Other Uses
(2) = Exports Included In Domestic Total and
All Other Uses.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D Disclosure
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SPI

SECTION 1
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis) (1)

CRS

FULL YEAR 1986

RESIN KIND & USE	January	February	March	April	May	June	July	August	September	October	November	December	Total
PHENOLIC & OTHER TAR ACID RESINS, TOTAL (P)	221,145	212,307	225,799	242,9[illegible]	221,050	233,586	226,790	229,836R	239,672R	250,871R	215,716R	215,367R	2,735,065R
MOLDING COMPOUNDS	17,542	18,721	18,880	19,1[illegible]	17,508	19,029	10,884	19,356	18,814	20,272	18,071	17,389	215,632
BONDING & ADHESIVE RESINS FOR:	200,300	190,193	203,185	220,212	199,697	210,619	212,955	206,831R	216,181R	226,288R	193,563R	193,401R	2,473,425R
LAMINATING	13,984	12,829	12,324	12,602	20,129	14,079	13,882	11,473	14,353	14,685	17,005	14,946	172,291
COATED & BONDED ABRASIVES	1,513	1,525	1,508	1,774	[illegible],489	1,815	[illegible],204	1,598	1,606	1,739	1,704	1,537	19,0[illegible]
FRICTION MATERIALS	1,933	2,506	2,362	2,940	2,404	2,626	1,757	2,327	2,581	2,326	2,557	2,444	28,763
INSULATION MATERIALS	32,294	30,690	33,636	33,865	35,469	33,922	35,517	35,931R	39,288R	39,892R	34,225R	33,532R	418,261R
FOUNDRY & SHELL MOLDING	3,488	3,516	4,102	[illegible],949	3,534	3,667	3,001	3,261	2,989	3,939	3,283	2,797	41,526
PLYWOOD	116,097	109,724	120,028	132,201	108,189	125,128	129,116	123,023	126,256	135,311	110,354	113,205	1,448,632
FIBROUS & GRANULATED WOOD	22,720	20,435	20,729	23,613	21,229	19,948	22,433	21,892	21,618	19,922	17,836	17,345	249,720
RESINS SOLD TO RUBBER INDUSTRY	2,647	2,651	2,867	[illegible],976	1,395	3,565	1,404	2,012	1,975	2,962	1,376	2,658	28,488
ALL OTHER	5,624	6,317	5,629	6,292	5,859	5,869	4,641	5,314	5,515	5,512	5,223	4,937	66,752
PROTECTIVE COATINGS--UNMODIFIED & MODIFIED	1,777	1,564	1,980	1,905	1,781	1,882	1,811	2,073	2,181	2,311	2,094	2,366	23,725
RESINS SOLD TO RUBBER INDUSTRY, NON-ADHESIVE USES #	D	D	D	D	D	D	D	D	D	D	D	D	D
ALL OTHER USES #	1,526	1,829	1,754	1,643	2,064	2,056	1,140	1,576	2,496	2,000	1,988	2,211	22,283
PHENOLIC & OTHER TAR ACID RESINS, TOTAL (S&U)	229,032	215,027	227,110	244,791	228,651	234,091	234,967	229,372R	242,758R	256,073R	215,132R	214,276R	2,771,280R
TOTAL EXPORTS	1,384	1,201	1,291	894	1,179	1,339	1,059	1,269	1,637	2,002	1,160	1,421	15,836
TOTAL DOMESTIC	227,648	213,826	225,819	243,897	227,472	232,752	233,908	228,103R	241,121R	254,071R	213,972R	212,855R	2,755,444R
MOLDING COMPOUNDS	17,911	18,079	[illegible]7,219	17,372	17,501	16,377	14,262	17,115	18,143	19,275	17,491	15,435	206,180
BONDING & ADHESIVE RESINS FOR:	206,499	192,706	204,940	[illegible]22,914	206,480	212,802	216,266	207,313R	218,646R	230,804R	192,664R	193,110R	2,505,144R
LAMINATING	[illegible]7,063	15,461	15,075	15,744	22,961	16,925	16,306	13,991	16,339	18,202	17,038	14,547	199,652
COATED & BONDED ABRASIVES	1,502	1,521	1,492	1,785	1,480	1,806	1,197	1,588	1,596	1,730	1,695	1,528	18,920
FRICTION MATERIALS	1,960	2,742	2,469	2,820	2,397	2,384	2,242	2,317	2,701	2,604	2,619	2,112	29,367
INSULATION MATERIALS	36,028	30,418	33,501	33,607	39,775	33,512	35,711	35,552R	39,151R	40,036R	34,019R	33,925R	425,233R
FOUNDRY & SHELL MOLDING	3,495	3,649	4,027	3,971	3,513	3,862	2,954	3,185	2,991	4,020	3,150	2,716	41,533
PLYWOOD	115,714	109,801	119,671	132,523	107,894	125,322	128,894	122,157	127,040	136,284	110,067	114,367	1,449,734
FIBROUS & GRANULATED WOOD	2,571	20,436	20,756	23,671	20,228	20,035	21,583	20,505	20,653	20,189	16,593	16,935	244,155
RESINS SOLD TO RUBBER INDUSTRY	2,504	2,408	2,545	2,522	2,385	3,344	2,526	2,785	2,681	2,342	2,462	2,276	30,780
ALL OTHER	5,662	6,270	5,404	6,271	5,847	5,612	4,853	5,233	5,494	5,597	5,021	4,706	65,770
PROTECTIVE COATINGS--UNMODIFIED & MODIFIED	1,802	1,599	2,022	1,892	1,817	1,876	1,842	2,109	2,194	2,326	2,110	2,388	23,977
RESINS SOLD TO RUBBER INDUSTRY, NON-ADHESIVE USES #	D	D	D	D	D	D	D	D	D	D	D	D	D
ALL OTHER USES #	1,436	1,442	1,638	1,719	1,674	1,697	1,538	1,566	2,138	1,666	1,707	1,922	20,143

(P) = PRODUCTION (S) = SALES (U) = CAPTIVE USE
= Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.
(1) = Except phenolic resins which are reported on a gross weight basis.

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SPI

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

CRS

FULL YEAR 1986

RESIN KIND & USE	January	February	March	April	May	June	July	August	September	October	November	December	Total
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (P)	817,452R	695,846R	739,485R	695,620R	760,484R	737,209R	727,823	711,238R	758,302R	771,345R	720,829	767,477R	8,905,110R
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (S&U)	727,505R	613,774R	721,544R	687,537R	719,451R	739,335R	803,219	767,509R	843,139	755,713	646,601	775,288	8,798,615R
TOTAL EXPORT	76,115	68,703	81,277	76,477	75,070	84,329	81,421	93,590	80,148	68,106	65,965	90,045	937,746
TOTAL DOMESTIC	651,390R	545,071R	640,267R	611,060R	644,381R	655,006R	721,798	673,919R	762,991	687,607	580,636	685,243	7,859,5[illegible]
FILM (12 MILS & BELOW)	421,545	296,372	365,610	348,810	397,319	399,061	443,122	425,284	483,522	439,100	349,106	418,235	4,787,086
SHEET (OVER 12 MILS)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)	D(3)
INJECTION MOLDING	43,515	46,945	59,361	42,900	45,814	47,541	53,416	49,072	50,890	40,304	49,250	45,509	574,517
WIRE & CABLE	28,953	26,256	27,885	29,514	28,208	26,028	32,306	30,144	28,209	28,811	26,292	25,621	338,227
EXTRUSION COATING	52,616	56,522	61,145	57,645	51,022	54,241	56,620	52,067	63,349	61,449	50,727	60,228	677,651
BLOW MOLDING	3,530	3,528	2,908	3,975	3,492	3,758	3,424	2,075	2,822	3,638	2,503	2,929	38,582
PIPE & CONDUIT, TOTAL	2,426	2,947	2,552	2,929	3,530	2,689	2,689	3,039	1,229	3,019	2,234	2,344	31,617
CORRUGATED PIPE & CONDUIT	D	D	D	D	D	D	D	D	D	D	D	D	D
NON-CORRUGATED PIPE & CONDUIT	D	D	D	D	D	D	D	D	D	D	D	D	D
OTHER EXTRUDED PRODUCTS	9,372	7,978	11,607	9,960	8,479	8,839	10,645	8,104	10,293	9,684	8,684	8,308	111,953
RESELLERS & COMPOUNDERS	37,156R	44,651	42,759	61,360	51,509	56,930	59,556	45,231	59,451	41,495	40,828	65,203	606,129R
ALL OTHER USES	52,277	59,872	66,440	53,967	55,008	55,919	60,040	58,893	63,226	60,107	51,012	58,866	695,627
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL (P)	558,505R	545,087R	587,202R	601,851R	606,754R	584,525R	599,669R	630,129R	622,319R	641,921R	598,740	605,699R	7,182,401R
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL (S&U)	474,335R	541,152R	565,742R	568,710R	583,861R	618,874R	587,740R	627,054R	688,629R	578,262R	538,276	655,230	7,027,865R
TOTAL EXPORTS	56,449	88,840	71,858	63,799	72,137	96,838R	69,185	79,075	62,728	59,268R	75,042	129,429	924,648R
TOTAL DOMESTIC	417,886R	452,312R	493,884R	504,911R	511,724R	522,036R	518,555R	547,979R	625,901R	518,994R	463,234	525,801	6,103,217R
FILM (12 MILS & BELOW)	35,723	36,293	42,155R	34,955R	38,336	39,205	37,753	42,564R	48,003	50,254	46,167	45,618	497,026R
SHEET (OVER 12 MILS)	10,959	14,294	12,424	13,863R	17,965R	13,646R	16,970R	14,871R	20,318	14,937	11,260	15,255	176,762R
INJECTION MOLDING	94,580R	110,169R	120,566R	130,561R	135,695R	141,092R	137,308R	145,441R	172,165	115,765R	111,017	135,930	1,550,280R
WIRE & CABLE	11,097	9,309	9,275R	11,179R	11,155	8,015	11,084R	11,174R	11,024	9,481	9,366	6,895	119,054R
EXTRUSION COATING	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)	D(2)
BLOW MOLDING	178,721R	185,175R	192,866R	196,165R	187,965R	194,965R	202,074R	217,590R	232,621	220,952	200,819	190,331	2,400,244R
PIPE & CONDUIT, TOTAL	31,730	30,857	31,655	36,835	40,333	41,230	37,347	46,788R	50,843	40,644	26,337	29,854	444,459R
CORRUGATED PIPE & CONDUIT	8,323	7,180	12,000	17,964	14,845	12,488	11,386	17,051	18,993	13,035	3,612	5,101	141,978
NON-CORRUGATED PIPE & CONDUIT	23,407	23,677	19,655	18,871	25,488	28,742	25,961	29,737R	31,850	27,609	22,725	24,753	302,479R
OTHER EXTRUDED PRODUCTS	4,703	2,951	4,046	3,743	3,665	3,757	3,453	1,892	3,647	3,388	1,551	1,699	38,495
RESELLERS & COMPOUNDERS	30,371R	38,209R	47,079	49,185	43,593	48,483	48,036	38,016	48,919	35,910	51,342	60,801	519,944R
ALL OTHER USES	20,002	25,055	33,818	28,425	33,017	31,643	24,530	29,643	38,361	22,663	25,375	39,418	356,950

(P) = PRODUCTION (S) = SALES (U) = CAPTIVE USE
(2) = Included in Other Extruded Products
(3) = Included in Film

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SPI | CRS

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

FULL YEAR 1986

RESIN KIND & USE	January	February	March	April	May	June	July	August	September	October	November	December	Total
POLYPROPYLENE, TOTAL (P)	487,680R	427,272R	487,032R	481,668R	477,251R	463,694	469,771R	485,342R	490,114R	504,133R	513,665	524,257R	5,811,879R
POLYPROPYLENE, TOTAL (S&U)	403,823R	452,881R	467,260R	500,577R	465,595	480,464R	477,758R	512,626	551,918	516,756R	454,161	540,034	5,823,857R
EXPORTS, TOTAL	74,630	83,524	74,903	97,368	80,791	104,606	106,133	109,156	103,420	94,026	80,125	121,294	1,129,978
DOMESTIC, TOTAL	329,193R	369,357R	392,357R	403,209R	384,804	375,856R	371,625R	403,470	448,498	422,730R	374,036	418,744	4,693,879R
INJECTION MOLDING	103,330R	106,983	114,623R	115,651	105,260	95,722	95,776	104,095	114,726R	122,420	103,711	106,313	1,288,610R
APPLIANCES	10,204	10,632	10,551	12,138	10,789	9,775	9,655	9,520	11,155	12,078	10,916	9,742	127,155
CONSUMER PRODUCTS	24,345	27,011	29,484	30,347	25,589	21,437	25,000	25,624	27,242R	28,419	24,711	25,682	311,091R
RIGID PACKAGING	37,293	32,030	41,737	40,682	36,755	31,455	32,349	34,837	39,814R	37,756	30,350	34,672	429,668R
TRANSPORTATION	24,481	27,969	24,442	24,384	21,711	24,032	20,841	24,059	26,610	32,640	29,619	27,324	308,112
ALL OTHER INJECTION MOLDING	6,847R	9,341	8,429R	8,100	10,416	9,04[illegible]	9,931	10,055	9,905	11,527	8,115	10,893	112,604R
BLOW MOLDING	8,462	8,928	7,729	10,112	8,470	8,75[illegible]	9,120	7,173	9,651R	11,324	7,277	9,335	106,512R
CONTAINERS	D	D	D	D	D	D	D	D	D	D	D	D	D
ALL OTHER BLOW MOLDING	D	D	D	D	D	D	D	D	D	D	D	D	D
FILM (10 MILS & BELOW)	42,758	41,954	35,485	47,263	44,0[illegible]	41,815	40,192	44,684	40,742	42,590	36,319	40,292	498,156
SHEET (OVER 10 MILS)	2,683	2,382	3,329	2,283	3,5[illegible]	3,550	3,570	3,890	4,110	3,413	3,776	3,090	39,605
EXTRUSION COATING	D	D	D	D	D	D	D	D	D	D	D	D	D
WIRE & CABLE	D	D	D	D	D	D	D	D	D	D	D	D	D
FIBER & FILAMENTS	93,786	116,832	126,112	122,409	122,021	120,670	126,727	134,041	153,645R	131,089	123,255	145,322	1,515,909R
TEXTILE APPLICATIONS	85,340R	107,636R	117,612R	111,748R	112,414R	110,730R	114,403R	117,514R	143,359R	123,259R	114,612	136,616	1,395,243R
NON-TEXTILE MONOFILAMENTS	8,446R	9,196R	8,500R	10,661R	9,607R	9,940R	12,324R	16,527R	10,286R	7,830R	8,643	8,706	120,666R
PIPE & CONDUIT	D	D	D	D	D	D	D	D	D	D	D	D	D
OTHER EXTRUDED PRODUCTS #	6,610	6,275	6,342	8,696	9,677	6,061	7,960	6,629	11,987R	9,073	8,400	10,340	98,050R
RESELLERS & COMPOUNDERS	65,373R	77,832R	82,135R	81,324	80,781	84,932	72,767	82,810	95,921	86,685	76,138	89,590	976,288R
ALL OTHER USES	6,161	8,171	16,602	15,471	11,014	14,395	15,513	20,148	17,716	16,136	15,160	14,462	170,949
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL (P)	76,703	95,495	95,620	103,436	82,400	86,095	75,823	89,870	85,238	100,026	100,453	101,229R	1,092,388R
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL (S&U)	81,879	89,110	92,108	93,832	82,666	88,755	78,355	86,331	96,222	99,571	98,726	92,895	1,080,450
EXPORTS, TOTAL													
DOMESTIC, TOTAL													
ELECTRICAL & ELECTRONIC USES													
PIPE, CONDUIT & FITTINGS													
TRANSPORTATION													
CONSUMER & INSTITUTIONAL													
ALL OTHER USES													

D = Disclosure

= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

CRS

FULL YEAR 1986

RESIN KIND & USE	January	February	March	April	May	June	July	August	September	October	November	December	Total
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL (P)	8,077	8,004	7,033	6,636	7,366	6,369	5,749	7,435	8,652	7,994	8,467	9,907	91,689
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL (S&U)	7,123	6,759	7,149	5,820	6,683	5,653	5,986	7,542	9,425	8,373	8,067	8,671	87,251
EXPORTS, TOTAL	676	1,029	593	534	348	374	147	2,022	1,893	1,758	1,543	2,381	13,298
DOMESTIC, TOTAL	6,447	5,730	6,556	5,286	6,335	5,279	5,839	5,520	7,532	6,615	6,524	6,290	73,953
OTHER STYRENE BASED POLYMERS, TOTAL (P) 40% or more sytrene*	23,825	19,590	22,309	16,875	25,138	26,473	27,397	24,677	24,873	25,235	23,233	20,788	280,413
OTHER STYRENE BASED POLYMERS, TOTAL (S&U) 40% or more sytrene*	24,331	18,345	25,725	24,833	20,651	25,883	25,597	23,786	25,189	24,653	19,091	21,806	279,890
EXPORTS, TOTAL	D	D	D	D	D	D	D	D	D	D	D	D	D
DOMESTIC, TOTAL	24,331	18,345	25,725	24,833	20,651	25,883	25,597	23,786	25,189	24,653	19,091	21,806	279,890
MOLDING & EXTRUSION	19,385	13,873	20,283	19,769	16,170	20,957	21,037	19,029	20,237	20,907	14,782	19,203	225,632
COATINGS	4,946	4,472	5,442	5,064	4,481	4,926	4,560	4,757	4,952	3,746	4,309	2,603	54,258
POLYSTYRENE RESINS, TOTAL (P)	323,659R	324,175R	344,138R	381,262R	386,085R	380,481R	383,437R	387,393R	378,066R	403,100R	380,838R	397,081	4,469,715R
STRAIGHT POLYSTYRENE	176,485R	174,798R	178,634R	196,854R	199,029R	206,206R	217,056R	203,586R	198,930R	210,972R	194,369R	204,450	2,361,369R
RUBBER-MODIFIED POLYSTYRENE	147,174	149,377	165,504	184,408R	187,056R	174,275R	166,381R	183,807R	179,136R	192,128R	186,469	192,631	2,108,346R
POLYSTYRENE RESINS, TOTAL (S&U)	347,669	320,564	368,661	387,004	379,158	401,066	357,298	361,525	415,075	395,030	342,381	387,118	4,462,549
STRAIGHT POLYSTYRENE	184,807	162,952	188,966	197,998	194,337	210,260	200,605	194,011R	213,760	210,908	181,562	201,019	2,341,185R
RUBBER-MODIFIED POLYSTYRENE	162,862	157,612	179,695	189,006	184,821	190,806	156,693	167,514R	201,315	184,122	160,819	186,099	2,121,364R
EXPORTS, TOTAL	7,816	7,895	12,302	8,664	8,938	8,570	10,031	9,801	9,342	8,737	6,625	15,403	114,124
STRAIGHT POLYSTRENE	4,556	3,892	5,346	5,983	6,419	6,855	8,081	8,065	7,038	7,640	5,531	11,523	80,929
RUBBER-MODIFIED POLYSTYRENE	3,260	4,003	6,956	2,681	2,519	1,715	1,950	1,736	2,304	1,097	1,094	3,880	33,195
DOMESTIC, TOTAL	339,853	312,669	356,359	378,340	370,220	392,496	347,267	351,724	405,733	386,293	335,756	371,715	4,348,425
MOLDING	121,164	112,921	128,967	137,475	127,119	137,957	112,114	124,273	165,657	132,733	113,073	126,107	1,539,560
EXTRUSION	155,752	140,243	156,465	166,353	170,203	174,190	164,074	159,706	164,921	175,741	158,063	180,503	1,966,214
EXPANDABLE POLYSTYRENE BEADS	30,552	33,632	39,436	42,521	43,329	45,624	43,360	42,927	45,912	55,397	39,604	35,175	497,469
ALL OTHER USES	32,385	25,873	31,491	31,991	29,569	34,725	27,719	24,818	29,243	22,422	25,016	29,930	345,182
POLYSTYRENE END USES, TOTAL **	339,853	312,669	356,359	378,340	370,220	392,496	347,267	351,724	405,733	386,293	335,756	371,715	4,348,425
PACKAGING	89,645	75,433	79,280	82,872	89,267	105,045	89,041	91,013	110,933	103,314	92,818	96,278	1,104,939
DISPOSABLES	44,395	38,484	45,017	49,986	47,348	51,719	49,775	50,287	48,650	44,631	39,366	53,383	563,041
CONSUMER AND INSTITUTIONAL PRODUCTS	43,534	38,562	43,424	50,465	50,521	56,123	48,934	51,358	61,099	57,541	49,780	58,672	610,013
ELECTRICAL/ELECTRONICS	33,114	27,662	29,814	31,564	35,287	35,275	29,087	34,218	42,212	37,442	36,026	43,666	415,367
FURNITURE, FURNISHINGS, BUILDING & CONSTRUCTION	14,818	14,099	16,101	20,496	20,412	22,954	19,858	20,414	23,206	22,587	21,286	20,560	236,791
EXPANDABLE POLYSTYRENE BEADS	30,552	33,632	39,436	42,521	43,329	45,624	43,360	42,927	45,912	55,397	39,604	35,175	497,469
RESELLERS & COMPOUNDERS	41,025	33,055	50,945	44,796	30,993	41,132	42,352	38,726	57,318	47,941	41,555	41,929	511,767
ALL OTHER END USES	42,770	51,742	52,342	55,640	53,063	34,624	24,860	22,781	16,403	17,440	15,321	22,052	409,038

* = Exports are included in Total Domestic and Molding and Extrusion.

** = Portions of the End Use Section Are Estimated

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D Disclosure
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SPI

SECTION 1
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

CRS

FULL YEAR 1986

RESIN KIND & USE	January	February	March	April	May	June	July	August	September	October	November	December	Total
STYRENE BASED LATEXES, TOTAL (P) ***	65,829	61,566	65,915	69,001R	66,492	71,515	63,626	71,862	67,705	77,095	76,330	66,369	825,305R
STYRENE BASED LATEXES, TOTAL (S&U) ***	73,013	66,504	67,369	71,122R	71,214	72,535	70,619	75,150	78,723	79,266	71,315	70,483	867,313R
PAPER TREATING	4,602	4,226	3,843	4,148R	4,982	5,201	4,778	5,043	4,455	5,329	4,671	4,444	55,722R
TEXTILE TREATING	1,744	1,607	1,718	1,643R	1,348	1,750	1,454	1,669	1,720	1,920	1,940	1,925	20,438R
CARPET BACKING	26,244	24,026	19,851	26,784R	26,522	26,365	26,843	31,089	31,721	27,003	24,014	25,119	315,581R
ALL OTHER USES (INCLUDING EXPORTS & PAPER COATING)	40,423	36,645	41,957	38,547	38,362	39,219	37,544	37,349	40,827	45,014	40,690	38,995	475,572
NYLON RESINS, TOTAL (P)	39,206	35,918	40,385	44,748	39,034R	37,421	39,592	35,846	36,404	41,874	37,298	37,681	465,407R
NYLON RESINS, TOTAL (S&U)	37,689	37,946	37,865	37,965	38,417	35,553	34,060	35,643	35,811	41,026	35,371	35,527	442,873
TOTAL EXPORTS	2,138	3,219	3,148	3,066	3,343	3,520	2,973	3,415	3,019	3,953	4,098	3,544	39,436
TOTAL DOMESTIC	35,551	34,727	34,717	34,899	35,074	32,033	31,087	32,228	32,792	37,073	31,273	31,983	403,437
INJECTION MOLDING GRADE	23,048	23,771	23,772	23,909	23,368	21,273	20,474	20,277	21,389	24,504	19,835	20,165	265,785
EXTRUSION GRADE	9,674	9,241	8,511	9,511	9,730	9,415	8,621	10,159	9,260	9,991	9,284	8,825	112,222
RESELLERS AND COMPOUNDERS	2,040	1,313	1,660	930	1,365	931	1,551	1,410	1,804	1,940	1,334	2,096	18,374
ALL OTHER USES	789	402	774	549	611	414	441	382	339	638	820	897	7,056

(P) = PRODUCTION (S) = SALES (U) = CAPTIVE USE

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*** = Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

Disclosure
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Styrene Based Latexes (S&U) figures include some Canadian-produced material.

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

FULL YEAR 1986

RESIN KIND & USE	January	February	March	April	May	June	July	August	September	October	November	December	Total
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL (P)	564,152	561,718	635,368	605,066	587,199	607,580	591,151R	599,568	626,756	613,222	593,260	670,728	7,255,768R
HOMOPOLYMER RESINS INCLUDING BLENDING & LATEX	517,119	508,883	587,593	554,461	538,394	552,667	549,775R	557,015	577,285	565,177	541,356	617,703	6,667,428R
COPOLYMER RESINS INCLUDING BLENDING & LATEX	14,493	18,164	17,285	16,669	14,998	21,957	14,729	12,107	17,167	15,440	16,940	18,178	198,127
DISPERSION RESINS	32,540	34,671	30,490	33,936	33,807	32,956	26,647	30,446	32,304	32,605	34,964	34,847	390,213
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL (S&U)	609,969	576,339	622,202	567,900	635,451	620,473	571,575R	608,217	689,552R	658,597R	590,924	661,052	7,412,051R
HOMOPOLYMER RESINS INCLUDING BLENDING & LATEX	562,184	527,051	567,718	515,402	588,192	567,175	526,992R	561,993	634,736R	603,855R	540,660	612,772	6,808,730R
COPOLYMER RESINS INCLUDING BLENDING & LATEX	16,504	17,826	18,492	18,068	16,725	19,205	14,772	13,647	18,754	17,854	16,798	14,828	203,473
DISPERSION RESINS	31,281	31,462	35,992	34,430	30,534	34,093	29,811	32,577	36,062	36,688	33,466	33,452	399,848
TOTAL EXPORTS	29,133	24,125	27,699	27,886	25,554	30,362	27,365	29,025	38,055	38,541	33,854	38,088	369,687
TOTAL DOMESTIC	580,836	552,214	594,503	540,014	609,897	590,111	544,210R	579,192	651,497R	619,856R	557,070	622,964	7,042,364R
CALENDERING, TOTAL	55,925	58,531	72,490	56,020	66,849	66,616	55,630	53,908	60,124	59,993R	48,033	61,462	715,581R
FLOORING	11,111	15,079	15,759	15,301	14,636	15,067	12,002	10,166	14,684	14,491	11,520	12,788	162,604
TEXTILE	4,507	8,397	6,793	4,752	7,622	5,659	6,655	7,403	7,578	6,912	6,653	5,976	78,907
ALL OTHER CALENDERING USES	40,307	35,055	49,938	35,967	44,591	45,890	36,973	36,339	37,862	38,590R	29,860	42,698	474,070R
COATING, TOTAL	24,139	24,639	27,712	27,107	26,078	28,976	24,825	26,929	32,375	31,283	27,925	28,118	330,106
FLOORING	9,875	10,577	11,379	11,506	11,093	13,383	10,827	11,207	14,477	14,175	12,847	12,439	143,785
TEXTILE & PAPER COATING	7,633	7,150	8,703	8,332	7,811	8,428	6,803	8,420	9,046	9,278	7,827	7,996	97,427
PROTECTIVE COATING	3,687	3,927	4,231	4,303	3,700	3,416	3,608	3,581	4,716	4,428	3,650	4,864	48,111
ADHESIVES & ALL OTHER COATING USES	2,944	2,985	3,399	2,966	3,474	3,749	3,587	3,721	4,156	3,402	3,601	2,819	40,783
EXTRUSION, TOTAL	397,078	383,395	406,604	368,541	428,738	404,562	389,820R	403,039	459,524	428,408R	389,294	440,054	4,899,057R
WIRE & CABLE	35,116	37,550	41,250	35,482	34,434	31,481	25,617	31,285	40,169	37,828R	33,621	35,590	419,423R
FILM & SHEET	24,356	18,114	20,801	21,270	24,611	18,814	18,985	20,573	25,870	22,545	20,929	21,230	258,098
SIDING, SIDING ACCESSORIES, & MOBILE HOME SKIRTS	38,412	37,021	51,690	43,177	48,671	50,891	41,815R	40,445	47,092	45,157	35,919	46,029	526,319R
RIGID PIPE & TUBING (EXCEPT FITTINGS)	253,733	240,881	242,682	222,072	276,745	268,222	261,297	267,204	302,262	273,437	258,845	297,660	3,165,040
ALL OTHER EXTRUSIONS	45,461	49,829	50,181	46,540	44,277	35,154	42,106	43,532	44,131	49,441R	39,980	39,545	530,177R
MOLDING, TOTAL	47,518	41,409	39,016	42,080	44,557	43,488	31,619	47,359	41,982	45,466	35,337	35,048	494,879
BOTTLES	15,742	16,466	15,190	17,111	20,630	18,169	7,059	21,877	16,579	17,961R	11,389	9,743	187,916R
SOUND RECORDS	5,526	3,269	3,051	4,842	2,806	5,163	3,009	4,059	5,144	5,999	5,203	5,775	53,846
FITTINGS (RIGID PIPE & TUBING)	17,405	11,541	11,962	9,867	11,383	11,094	11,864	12,374	11,064	10,274	11,005	10,907	140,740
ALL OTHER MOLDING	8,845	10,133	8,813	10,260	9,738	9,062	9,687	9,049	9,195	11,232	7,740	8,623	112,377
PASTE PROCESSES (EXCEPT COATING)	14,685	13,748	13,412	13,477	12,112	12,813	11,571	11,734	14,286	12,896	12,401	12,407	155,542
PLASTISOL-FORMULATION	7,031	6,492	7,268	7,140	5,906	5,957	5,805	5,471	6,279	6,376	6,205	5,550	75,480
ALL OTHER	7,654	7,256	6,144	6,337	6,206	6,856	5,766	6,263	8,007	6,520	6,196	6,857	80,062
RESELLERS & COMPOUNDERS	23,086	20,870	22,475	20,315	24,910	26,684	24,758	29,956	35,027	30,407	36,721	36,956	332,165
ALL OTHER USES	18,405	9,622	12,794	12,474	6,653	6,972	5,987	6,267	8,179	11,403	7,359	8,919	115,034

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

FULL YEAR 1986

RESIN KIND & USE	January	February	March	April	May	June	July	August	September	October	November	December	Total
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE (P) #	59,203	54,351	59,469	62,127	60,534	58,933	57,164	58,167	61,410	58,409	50,714	49,637R	690,118R
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE (S&U) #	59,203	54,351	59,469	62,127	60,534	58,933	57,164	58,167	61,410	58,409	50,714	49,637R	690,118R
TOTAL EXPORTS	625	412	483	607	197	166	236	226	240	326	207	239	3,964R
TOTAL DOMESTIC	58,578	53,939	58,986	61,520	60,337	58,767	56,928	57,941	61,170	58,083	50,507	49,398R	686,15[illegible]
EMULSION PAINTS	20,385	18,539	19,830	21,566	21,746	21,500	19,899	19,652	21,078	19,159	15,291	15,085R	233,730R
ADHESIVES, CAULKS AND SEALANTS	21,129	20,378	22,093	22,236	21,967	22,006	20,963	21,899	22,887	21,439	19,033	18,026R	254,056R
PAPER TREATING & PAPER COATING	9,336	8,253	9,531	9,700	8,857	8,029	8,919	9,057	9,843	9,761	9,322	9,393R	110,001R
TEXTILE TREATING	2,982	2,715	2,798	3,090	2,472	2,535	2,679	2,636	2,705	2,599	2,303	2,513R	32,027R
NON-WOVEN BINDERS	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)	D(1)
ALL OTHER USES	4,746	4,054	4,734	4,928	5,295	4,697	4,468	4,697	4,657	5,125	4,558	4,381R	56,340R
POLYVINYL ALCOHOL, TOTAL (P)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)
POLYVINYL ALCOHOL, TOTAL (4) (S&U)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)
TOTAL EXPORTS	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)
TOTAL DOMESTIC	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)
OTHER VINYL RESINS*, TOTAL (P)	17,397	15,916	15,562	21,125	16,960	16,969	14,307	13,944	15,807	14,755	14,500	17,682	194,924
OTHER VINYL RESINS*, TOTAL (S&U)	14,195	15,065	15,660	19,490	16,170	16,168	15,764	13,945	12,374	15,923	13,690	11,913	180,357
TOTAL EXPORTS	3,166	3,646	5,479	5,108	4,178	4,170	4,936	3,587	3,483	5,154	3,681	3,073	49,661
TOTAL DOMESTIC	11,029	11,419	10,181	14,382	11,992	11,998	10,828	10,358	8,891	10,769	10,009	8,840	130,696
*INCLUDE ONLY POLYVINYL BUTYRAL, POLYVINYL FORMAL, AND POLYVINYLIDENE CHLORIDE													
THERMOPLASTIC POLYESTER, TOTAL (P)	85,823	86,652	94,701	94,126	97,397	97,621	100,584	93,844	105,147	105,522	99,969	113,452	1,174,838
THERMOPLASTIC POLYESTER, TOTAL (S&U)	83,734	82,293	89,430	98,353	103,454	95,130	99,556	96,687	104,795	103,615	92,572	110,681	1,160,300
TOTAL EXPORTS	11,304	9,869	11,859	13,694	17,804	11,045	14,510	13,974	13,208	13,428	12,448	8,425	151,568
TOTAL DOMESTIC	72,430	72,424	77,571	84,659	85,650	84,085	85,046	82,713	91,587	90,187	80,124	102,256	1,008,732
PET BOTTLE GRADES	51,706	50,790	54,460	59,505	61,118	59,944	62,062	59,978	67,790	59,949	58,357	76,508	722,167
ALL OTHER THERMOPLASTIC POLYESTER**	20,724	21,634	23,111	25,154	24,532	24,141	22,984	22,735	23,797	30,238	21,767	25,748	286,565

(P) = PRODUCTION (S) = SALES (U) = CAPTIVE USE

** = Includes All Other PET and All Injection Molding Grades
# = Includes imputed data

(1) = Included in All Other Uses
(4) = The publishing of PVOH data has been temporarily suspended.

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SECTION I

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS	
EPOXY (UNMODIFIED) RESINS	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
HIGH-DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS)	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BUTADIENE LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENE BASED LATEXES - over 50% styrene including styrene butadiene latexes not carboxylated	OTHER SBL
OTHER STYRENE BASED POLYMERS - over 40% styrene and used in molding and extrusion processes	OTHER SBP
NYLON RESINS	NYLON
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAc
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS

CATEGORY	CODE
Production	P
Domestic Sales	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL OSBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ADVANCE COATING CO.		PD																	
A & PLASTICS											PDE								
AIR PRODUCTS & CHEMICALS															PDE	DE	PDE		
ALLIED CHEMICAL CO.							PDE							PDE					PD
ALLIED BENDIX					PD														
ALPHA CHEMICAL CORPORATION		PDE																	
AMERICAN CYANAMID COMPANY			PDE	PDE															
AMERICAN HOECHST CORP. - PLASTICS DIVISION							PDE												
AMERICAN HOECHST CORP. SOU-TEX DIVISION				PD	PD														
AMETEK, HAVEG DIVISION					PD														
AMOCO CHEMICAL CORPORATION							PDE	PDE			PDE								
ANDERSON DEVELOPMENT CO.													PD						
ARCO CHEMICAL											PDE		PDE						
ARISTECH CHEMICAL CO.		PDE						PDE											
ASHLAND CHEMICAL COMPANY		PDE			PD														
ASOMA POLYMERS, INC.											PD								
ATOCHEM, INC.														PDE					
AZS CORPORATION		PD																	
BASF CORPORATION											PDE			PDE					

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL OSBL	OTHER SRP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
BELDING CHEMICAL INDUSTRIES														PD					
BORDEN CHEMICAL COMPANY			PD	PD	PDE										PDE	D			
BORG-WARNER CHEMICALS, INC.									PDE	PD									
CARGILL, INC.		PD																	
CELANESE CHEMICAL COMPANY																D			
CELANESE ENGINEERING RESINS														PDE					PDE
CERTAIN-TEED PRODUCTS CORP.															PD				
CHEMBOND CORPORATION			PD	PD	PDE														
CHEVRON CHEMICAL OLEFINS						PDE	PDE				PDE								
CIBA-GEIGY CORP	PDE																		
COOK PAINT & VARNISH		PD																	
CUSTOM RESINS, INC.														PD					
DAN RIVER, INC.			PD																
DART POLYMERS											PD								
DIVERSITECH GENERAL												PDE							
DOW CHEMICAL U.S.A.	PDE	PDE				PDE	PDE		PDE	PDE	PDE	PDE	PDE					PDE	
E. I. DUPONT DE NEMOURS AND COMPANY						PDE	PDE						PDE	PDE			PDE	PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE		PDE											PDE
EL PASO PRODUCTS CO.						PDE		PDE											

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SRL OSRL	OTHER SRP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
EMSER INDUSTRIES														PD					
EXXON CHEMICAL AMERICAS						PDE	PDE	PDE											
FINA OIL & CHEMICAL								PDE			PDE								
FIRESTONE SYNTHETIC RUBBER & LATEX													PD						
FORMICA CORPORATION				PDE	D														
FORMOSA PLASTICS CORPORATION															PD				
FREEMAN CHEMICAL CORPORATION		PD																	
H. B. FULLER																D			
GENERAL ELECTRIC COMPANY																			PDE
GEORGIA-GULF															PDE				
GEORGIA-PACIFIC CORPORATION			PD		PD														
GLIDDEN COATINGS AND RESINS DIV OF SCM		PD																	
B. F. GOODRICH CHEMICAL CO.										PDE					PDE				
GOODYEAR CHEMICAL DIVISION												PD	PDE		PDE				PDE
DEWEY & ALMY DIVISION W. R. GRACE & COMPANY									PD			PD				D		PDE	
GRIFFTEX CHEMICALS			PD	PD															
HARBORCHEM, INC.			PD	PD															
HIMONT USA, INC.							PDE	PDE											
HOECHST FIBERS INDUSTRIES																			PDE

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

	RESIN CATEGORY																		
COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBRL OSBRLI	OTHER SRP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
HUNTSMAN CHEMICAL CORP.											PDE								
ICI AMERICAS		PDE																	PDE
INMONT CORPORATION		PDE			PD														
INTERPLASTICS CORPORATION		PD																	
INTEREZ, INC.	PDE		PD	PD															
IRONSIDES CO.					PD														
KEYSOR-CENTURY CORPORATION															PD				
KOPPERS COMPANY		PD			PDE														
MASONITE CORPORATION					PD														
MOBIL CHEMICAL COMPANY						PDE	PDE				PDE								
MONSANTO COMPANY			PDE	PDE					PDE	PDE			PDE	PDE		DE		PDE	
MORTON INDUSTRIES												PD						PDE	
NATIONAL STARCH & CHEMICALS CORP.																D			
NYLON CORP. OF AMERICA														PD					
OCCIDENTAL CHEMICAL CORP.					PDE										PDE				
OWENS-CORNING FIBERGLAS		PDE			PD														
PERKINS INDUSTRIES, INC.			PD		PD														
PERSTORP COMPOUNDS INC.			PDE	PDE															
PHILLIPS CHEMICAL COMPANY							PDE	PD					PDE						

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	S O S BR BR L L	OTHER SRP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
PLASLOK CORPORATION					PD														
PLASTICS ENGINEERING COMPANY					PDE														
POLYMER APPLICATIONS, INC.					PD														
POLYREZ COMPANY, INC.					PDE														
POLYSAR, INC.											PDE								
POLYSAR LATEX												PD							
RAYMARK INDUSTRIES					PD														
REICHHOLD CHEMICALS, INC.	PDE	PDE	PDE	PDE	PDE							PD				DE			
ROGERS CORPORATION					PDE														
ROHM AND HAAS COMPANY													PDE			D		PDE	
SHAKESPEARE COMPANY														PD					
SHELL CHEMICAL COMPANY	PDE							PDE											
SHINTECH, INC.															PDE				
SILMAR DIV. OF SOHIO CHEM. CO.		PDE																	
SOLTEX						PDE	PDE	PDE											
STERLING ENGINEERED PRODUCTS		PDE	PDE	PDE	PDE														
TEXSTYRENE PLASTICS											PD								
UNION CARBIDE CORPORATION	PDE				PDE	PDE	PDE									DE			
UNION CHEMICAL												PD				D		PD	

SPI **CRS**

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	O SS BR LL	OTHER SRP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
U.S.I. CHEMICALS CO.						PDE	PDE	PDE								D			
VALCHEM DIV. OF UNITED MERCHANTS INC.			PD																
VALITE DIVISION OF VALENTINE SUGARS, INC.					PD														
VANLEER CONTAINERS, INC.					PD														
VISTA CHEMICAL CO.															PDE				
WELLMAN, INC.														PDE					
TOTALS	6	18	14	12	26	10	13	11	4	4	13	8	9	12	11	12	2	7	8

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The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED
JANUARY 1987

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

**SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY**

RELEASE DATE: April 1, 1987

SPI

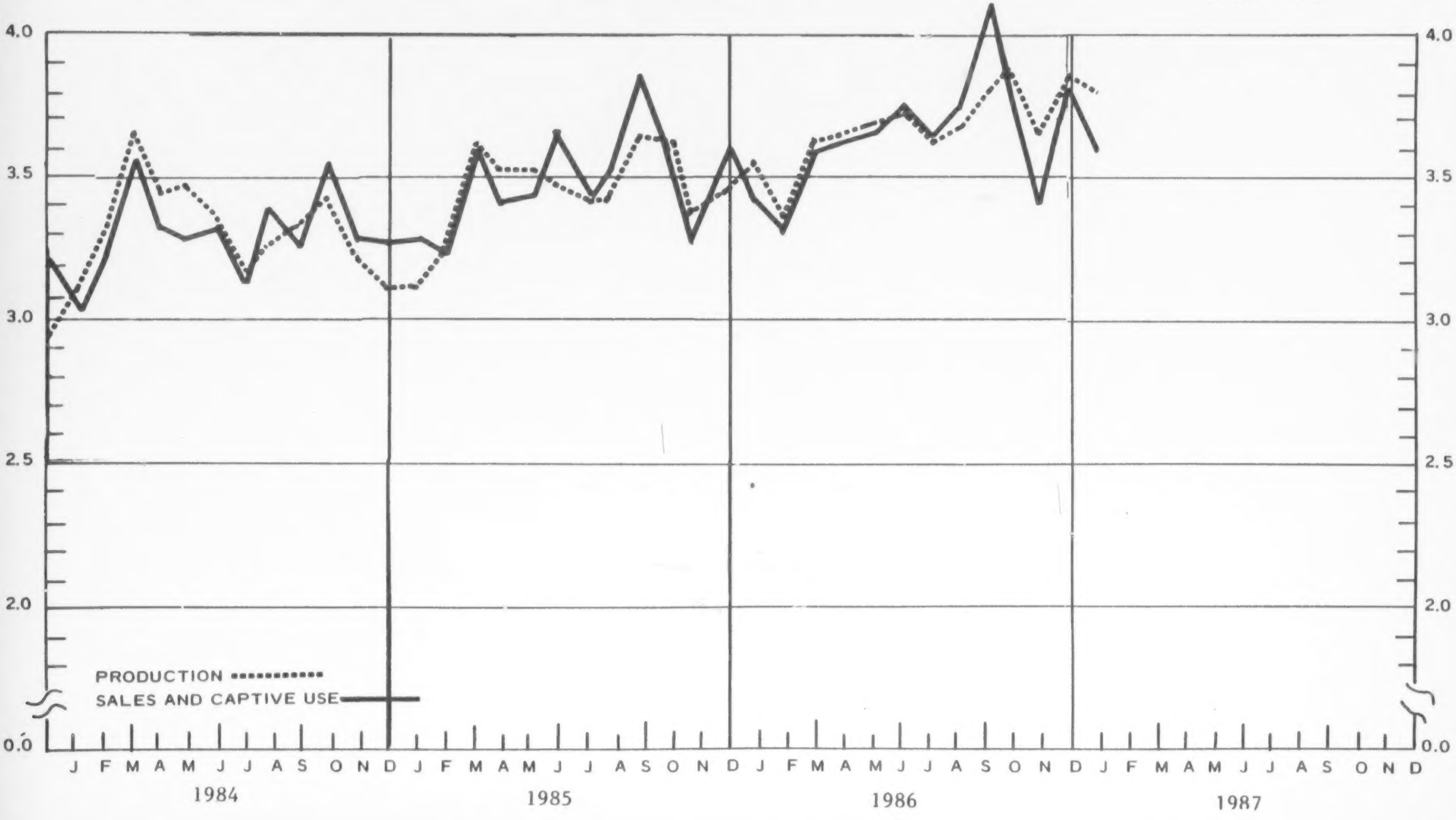
SECTION I

CRS

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

JANUARY 1987



Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

JANUARY 1987

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
EPOXY RESINS, TOTAL	29,255	32,724	-10.6	29,255	32,724	-10.6	27,710	28,475	-2.7	27,710	28,475	-2.7
POLYESTER (UNSATURATED) RESINS, TOTAL	96,094	99,863	-3.8	96,094	99,863	-3.8	97,292	97,410	-0.1	97,292	97,410	-0.1
UREA RESINS, TOTAL	100,326	96,789	+3.7	100,326	96,789	+3.7	107,866	96,137	+12.2	107,866	96,137	+12.2
MELAMINE RESINS, TOTAL	15,937	16,040	-0.6	15,937	16,040	-0.6	17,371	12,192	+42.5	17,371	12,192	+42.5
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	224,679	229,032	-1.9	224,679	229,032	-1.9	225,352	221,145	+1.9	225,352	221,145	+1.9
THERMOSETTING RESINS, TOTAL	466,291	474,448	-1.7	466,291	474,448	-1.7	475,591	455,359	+4.4	475,591	455,359	+4.4
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	709,599	727,505	-2.5	709,599	727,505	-2.5	795,120	817,452	-2.7	795,120	817,452	-2.7
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	573,748	474,335	+21.0	573,748	474,335	+21.0	639,224	558,505	+14.5	639,224	558,505	+14.5
POLYPROPYLENE, TOTAL	509,145	403,823	+26.1	509,145	403,823	+26.1	541,879	487,680	+11.1	541,879	487,680	+11.1
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	86,758	81,879	+6.0	86,758	81,879	+6.0	83,598	76,703	+9.0	83,598	76,703	+9.0
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	8,189	7,123	+15.0	8,189	7,123	+15.0	9,916	8,077	+22.8	9,916	8,077	+22.8
POLYSTYRENE RESINS, TOTAL	334,769	347,669	-3.7	334,769	347,669	-3.7	384,845	323,659	+18.9	384,845	323,659	+18.9
STYRENE BASED LATEXES, TOTAL **	77,055	73,013	+5.5	77,055	73,013	+5.5	73,599	65,829	+11.8	73,599	65,829	+11.8
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	21,563	24,331	-11.4	21,563	24,331	-11.4	21,635	23,825	-9.2	21,635	23,825	-9.2
NYLON RESINS, TOTAL	36,759	37,689	-2.5	36,759	37,689	-2.5	41,368	39,206	+5.5	41,368	39,206	+5.5
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	582,644	609,969	-4.5	582,644	609,969	-4.5	598,567	564,152	+6.1	598,567	564,152	+6.1
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	59,234	59,203	+0.0	59,234	59,203	+0.0	* 59,234	* 59,203	+0.0	* 59,234	* 59,203	+0.0
POLYVINYL ALCOHOL, TOTAL	D(4)	D(4)		D(4)	D(4)		D(4)	D(4)		D(4)	D(4)	
OTHER VINYL RESINS, TOTAL	15,486	14,195	+9.1	15,486	14,195	+9.1	16,614	17,397	-4.5	16,614	17,397	-4.5
THERMOPLASTIC POLYESTER, TOTAL	91,070	83,734	+8.8	91,070	83,734	+8.6	97,854	85,823	+14.0	97,854	85,823	+14.0
THERMOPLASTIC RESINS, TOTAL	3,106,019	2,944,468	+5.5	3,106,019	2,944,468	+5.5	3,363,453	3,127,511	+7.5	3,363,453	3,127,511	+7.5
GRAND TOTAL	3,572,310	3,418,916	+4.5	3,572,310	3,418,916	+4.5	3,839,044	3,582,870	+7.1	3,839,044	3,582,870	+7.1

D = Disclosure

(1) = Except phenolic resins which are reported on a gross weight basis

* = These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAC is significantly higher than that shown here.

(4) = The Publishing of PVOH data is temporarily suspended until further notice.

** = Sales and Captive Use figures include some Canadian produced material.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In millions of pounds, dry weight basis)(1)

JANUARY 1987

RESIN KIND	JANUARY				YEAR-TO-DATE				
	Production	Imports	Exports*	Apparent Consumption	Production	Imports	Exports*	Apparent Consumption	Import % of Apparent Consumption
EPOXY RESINS, TOTAL	28	1	9	20	28	1	9	20	5
POLYESTER (UNSATURATED) RESINS, TOTAL	97	0	4	93	97	0	4	93	0
UREA RESINS, TOTAL	108	2	1	109	108	2	1	109	2
MELAMINE RESINS, TOTAL	17	1	1	17	17	1	1	17	6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	225	3	5	223	225	3	5	223	1
THERMOSETTING RESINS, TOTAL	475	7	20	462	475	7	20	462	2
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	795	57	39	813	795	57	39	813	7
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	639	8	73	574	639	8	73	574	1
POLYPROPYLENE, TOTAL	521	1	118	404	521	1	118	404	0
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	84	6	10	80	84	6	10	80	8
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	10	0	2	8	10	0	2	8	0
OTHER STYRENICS	74	5	10	69	74	5	10	69	7
POLYSTYRENE, TOTAL	385	1	6	380	385	1	6	380	0
NYLON RESINS, TOTAL	41	3	6	36	41	3	6	38	8
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	599	11	30	580	599	11	30	580	2
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	59	2	2	59	59	2	2	59	3
POLYVINYL ALCOHOL, TOTAL	D(4)	-	-	-	D(4)	-	-	-	-
OTHER VINYL RESINS, TOTAL	17	2	2	17	17	2	2	17	12
THERMOPLASTIC POLYESTER, TOTAL	98	1	5	94	98	1	5	94	1
THERMOPLASTIC RESINS, TOTAL	3,322	97	303	3,116	3,322	97	303	3,116	3
GRAND TOTAL	3,797	104	323	3,578	3,797	104	323	3,578	3

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

(1) = Except phenolic resins which are reported on a gross weight basis

(4) The publishing of PVOH data is temporarily suspended.

D = Disclosure

Sources: Production - SPI Monthly Statistical Report
Imports - Bureau of Census IM 146
Exports - Bureau of Census EM 546

* = Bureau of Census exports will differ from the SPI exports as published on pages 4 through 11 of this report.

	Import No. (1)	Export No. (2)
Epoxy	409.0200	444.5410/444.5420
Polyester, Unsaturated	409.1000	444.6000
Urea	445.3540	444.5220
Melamine	445.3520	444.5210
Phenolic	409.0600	444.5810/444.5820
Low Density Polyethylene	445.3010	444.1610
High Density Polyethylene	445.3020	444.1620
Polypropylene	445.5200	444.1700
ABS	408.7200	444.2010
SAN	408.8100	444.2020
Other Styrenics	408.7600/408.8450	444.2050
Polystyrene	408.8420	444.2030/444.2040
Nylon	408.6100	444.1210
PVC	445.4600	444.2310/444.2320
Vinyl Acetate	445.4400	444.2120
Polyvinyl Alcohol	445.4200	444.2110
Other Vinyls	445.4800	444.2330
Thermoplastic Polyester	408.6800	444.1500

(1) Tariff Schedules of the U.S. Annotated

(2) Schedule B

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING RESINS

(In thousands of pounds, dry weight basis)

JANUARY 1987

	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
RESIN KIND & USE	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
EPOXY RESINS, TOTAL	29,255	32,724	-10.6	29,255	32,724	-10.6	27,710	28,475	-2.7	27,710	28,475	-2.7
TOTAL EXPORTS	3,846	5,796	-33.6	3,846	5,796	-33.6						
CAPTIVE USE, TOTAL	1,044	1,298	-19.6	1,044	1,298	-19.6						
DOMESTIC SALES, TOTAL	24,365	25,630	-4.9	24,365	25,630	-4.9						
DOMESTIC SALES & CAPTIVE USE, TOTAL	25,409	26,928	-5.6	25,409	26,928	-5.6						
BONDING & ADHESIVES	1,494	1,637	-8.7	1,494	1,637	-8.7						
FLOORING, PAVING & EXPOSED AGGREGATE	1,271	1,148	+10.7	1,271	1,148	+10.7						
PROTECTIVE COATINGS	12,302	13,233	-7.0	12,302	13,233	-7.0						
FIBER REINFORCED LAMINATES & COMPOSITES, TOTAL	6,198	6,745	-8.1	6,198	6,745	-8.1						
FRL&C FOR PRINTED WIRING BOARD	4,478	3,827	+17.0	4,478	3,827	+17.0						
ALL OTHER FRL&C	1,720	2,918	-41.1	1,720	2,918	-41.1						
TOOLING, CASTING & MOLDING RESINS	1,748	2,154	-18.8	1,748	2,154	-18.8						
ALL OTHER USES	2,396	2,011	+19.1	2,396	2,011	+19.1						
POLYESTER (UNSATURATED) RESINS, TOTAL	96,094	99,863	-3.8	96,094	99,863	-3.8	97,292	97,410	-0.1	97,292	97,410	-0.1
TOTAL EXPORTS	411	869	-52.7	411	869	-52.7						
TOTAL DOMESTIC	95,683	98,994	-3.3	95,683	98,994	-3.3						
GENERAL PURPOSE RESINS, TOTAL	82,490	86,021	-4.1	82,490	86,021	-4.1						
GENERAL PURPOSE - THIXOTROPIC	39,070	37,958	+2.9	39,070	37,958	+2.9						
GENERAL PURPOSE - PRESS MOLDING	10,097	13,543	-25.4	10,097	13,543	-25.4						
GENERAL PURPOSE - ALL OTHER	33,323	34,520	-3.5	33,323	34,520	-3.5						
FLAME RETARDANT RESINS	2,145	1,912	+12.2	2,145	1,912	+12.2						
CHEMICAL RESISTANT RESINS	11,048	11,061	-0.1	11,048	11,061	-0.1						
CHEMICAL RESISTANT ISOPHTHALIC RESINS	8,453	9,008	-6.2	8,453	9,008	-6.2						
ALL OTHER CHEMICAL RESISTANT RESINS	2,595	2,053	+26.4	2,595	2,053	+26.4						
REINFORCED PLASTICS, TOTAL	71,549	76,939	-7.0	71,549	76,939	-7.0						
NON-REINFORCED PLASTICS, TOTAL	24,134	22,055	+9.4	24,134	22,055	+9.4						

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING RESINS

(In thousands of pounds, dry weight basis)(1)

JANUARY 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
UREA RESINS, TOTAL	100,326	96,769	+ 3.7	100,326	96,789	+ 3.7	107,866	96,137	+12.2	107,866	96,137	+12.2
MELAMINE RESINS, TOTAL	15,937	16,040	- 0.6	15,937	16,040	- 0.6	17,371	12,192	+42.5	17,371	12,192	+42.5
UREA & MELAMINE RESINS, TOTAL	116,263	112,829	+ 3.0	116,263	112,829	+ 3.0	125,237	108,329	+15.6	125,237	108,329	+15.6
TOTAL EXPORTS	D	D		D	D							
TOTAL DOMESTIC*	116,263	112,829	+ 3.0	116,263	112,829	+ 3.0						
TEXTILE TREATING & COATING RESINS	2,422	2,162	+12.0	2,422	2,162	+12.0	2,498	2,749	- 9.1	2,498	2,749	- 9.1
PAPER TREATING & COATING RESINS	6,571	7,125	- 7.8	6,571	7,125	- 7.8	6,648	7,187	- 7.5	6,648	7,187	- 7.5
MOLDING COMPOUNDS	D	D		D	D		D	D		D	D	
BONDING & ADHESIVE RESINS FOR:	89,792	85,816	+ 4.6	89,792	85,816	+ 4.6	89,813	84,214	+ 6.6	89,813	84,214	+ 6.6
LAMINATING	3,880	3,377	+14.9	3,880	3,377	+14.9	3,662	3,261	+12.3	3,662	3,261	+12.3
PLYWOOD	4,301	3,959	+ 8.6	4,301	3,959	+ 8.6	4,411	3,972	+11.1	4,411	3,972	+11.1
FIBROUS & GRANULATED WOOD (PARTICLE BOARD)	81,611	78,480	+ 4.0	81,611	78,480	+ 4.0	81,740	76,981	+ 6.2	81,740	76,981	+ 6.2
PROTECTIVE COATINGS (STRAIGHT & MODIFIED)	9,116	9,431	- 3.3	9,116	9,431	- 3.3	18,174	6,322	+187.5	18,174	6,322	+187.5
ALL OTHER USES (INCLUDES MOLDING COMPOUNDS AND EXPORTS)	8,362	8,295	+ 0.8	8,362	8,295	+ 0.8	8,104	7,857	+ 3.1	8,104	7,857	+ 3.1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	224,679	229,032	- 1.9	224,679	229,032	- 1.9	225,352	221,145	+ 1.9	225,352	221,145	+ 1.9
TOTAL EXPORTS	1,215	1,384	-12.2	1,215	1,384	-12.2						
TOTAL DOMESTIC	223,464	227,648	- 1.8	223,464	227,648	- 1.8						
MOLDING COMPOUNDS	15,158	17,911	-15.4	15,158	17,911	-15.4	16,425	17,542	- 6.4	16,425	17,542	- 6.4
BONDING & ADHESIVE RESINS FOR:	201,964	206,499	- 2.2	201,964	206,499	- 2.2	202,312	200,300	+ 1.0	202,312	200,300	+ 1.0
LAMINATING	16,974	17,063	- 0.5	16,974	17,063	- 0.5	16,936	13,984	+21.1	16,936	13,984	+21.1
COATED & BONDED ABRASIVES	1,445	1,502	- 3.8	1,445	1,502	- 3.8	1,452	1,513	- 4.0	1,452	1,513	- 4.0
FRICTION MATERIALS	2,381	1,960	+21.5	2,381	1,960	+21.5	2,340	1,933	+21.1	2,340	1,933	+21.1
INSULATION MATERIALS	32,484	36,028	- 9.8	32,484	36,028	- 9.8	32,766	32,294	+ 1.5	32,766	32,294	+ 1.5
FOUNDRY & SHELL MOLDING	3,581	3,495	+ 2.5	3,581	3,495	+ 2.5	3,455	3,488	- 0.9	3,455	3,488	- 0.9
PLYWOOD	121,048	115,714	+ 4.6	121,048	115,714	+ 4.6	121,416	116,097	+ 4.6	121,416	116,097	+ 4.6
FIBROUS & GRANULATED WOOD	20,096	22,571	-11.0	20,096	22,571	-11.0	20,035	22,720	-11.8	20,035	22,720	-11.8
RESINS SOLD TO RUBBER INDUSTRY	1,149	2,504	-54.1	1,149	2,504	-54.1	1,191	2,647	-55.0	1,191	2,647	-55.0
ALL OTHER	2,806	5,662	-50.4	2,806	5,662	-50.4	2,721	5,624	-51.6	2,721	5,624	-51.6
PROTECTIVE COATINGS - UNMODIFIED & MODIFIED	1,986	1,802	+10.2	1,986	1,802	+10.2	1,973	1,777	+11.0	1,973	1,777	+11.0
RESINS SOLD TO RUBBER INDUSTRY, NON-ADHESIVE USES #	D	D		D	D		D	D		D	D	
ALL OTHER USES #	4,356	1,436	+203.3	4,356	1,436	+203.3	4,642	1,526	+204.2	4,642	1,526	+204.2

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

# = Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING RESINS

(In thousands of pounds, dry weight basis)

JANUARY 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1987	1986	$ Change	1987	1986	$ Change	1987	1986	$ Change	1987	1986	$ Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	709,599	727,505	- 2.5	709,599	727,505	- 2.5	795,120	817,452	- 2.7	795,120	817,452	- 2.7
TOTAL EXPORT	65,949	76,115	-13.4	65,949	76,115	-13.4						
TOTAL DOMESTIC	643,650	651,390	- 1.2	643,650	651,390	- 1.2						
FILM (12 MILS & BELOW)	385,585	421,545	- 8.5	385,585	421,545	- 8.5						
SHEET (OVER 12 MILS)	D (3)	D (3)		D (3)	D (3)							
INJECTION MOLDING	51,835	43,515	+19.1	51,835	43,515	+19.1						
WIRE & CABLE	27,758	28,953	- 4.1	27,758	28,953	- 4.1						
EXTRUSION COATING	66,050	52,616	+25.5	66,050	52,616	+25.5						
BLOW MOLDING	3,962	3,530	+12.2	3,962	3,530	+12.2						
PIPE & CONDUIT, TOTAL	3,819	2,426	+57.4	3,819	2,426	+57.4						
CORRUGATED PIPE & CONDUIT	D	D		D	D							
NON-CORRUGATED PIPE & CONDUIT	D	D		D	D							
OTHER EXTRUDED PRODUCTS	11,166	9,372	+19.1	11,166	9,372	+19.1						
RESELLERS & COMPOUNDERS	45,007	37,156	+21.1	45,007	37,156	+21.1						
ALL OTHER USES	48,468	52,277	.- 7.3	48,468	52,277	- 7.3						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	573,748	474,335	+21.0	573,748	474,335	+21.0	639,224	558,505	+14.5	639,224	558,505	+14.5
TOTAL EXPORTS	65,058	56,449	+15.3	65,058	56,449	+15.3						
TOTAL DOMESTIC	508,690	417,886	+21.7	508,690	417,886	+21.7						
FILM (12 MILS & BELOW)	39,872	35,723	+11.6	39,872	35,723	+11.6						
SHEET (OVER 12 MILS)	15,578	10,959	+42.1	15,578	10,959	+42.1						
INJECTION MOLDING	140,213	94,580	+48.2	140,213	94,580	+48.2						
WIRE & CABLE	8,973	11,097	-19.1	8,973	11,097	-19.1						
EXTRUSION COATING	D (2)	D (2)		D (2)	D (2)							
BLOW MOLDING	209,864	178,721	+17.4	209,864	178,721	+17.4						
PIPE & CONDUIT, TOTAL	34,144	31,730	+ 7.6	34,144	31,730	+ 7.6						
CORRUGATED PIPE & CONDUIT	7,511	8,323	- 9.8	7,511	8,323	- 9.8						
NON-CORRUGATED PIPE & CONDUIT	26,633	23,407	+13.8	26,633	23,407	+13.8						
OTHER EXTRUDED PRODUCTS	5,198	4,703	+10.5	5,198	4,703	+10.5						
RESELLERS & COMPOUNDERS	30,404	30,371	+ 0.1	30,404	30,371	+ 0.1						
ALL OTHER USES	24,444	20,002	+22.2	24,444	20,002	+22.2						

(2) = Included in Other Extruded Products
(3) = Included in Film

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING RESINS

(in thousands of pounds, dry weight basis)

JANUARY 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
POLYPROPYLENE, TOTAL	509,145	403,823	+26.1	509,145	403,823	+26.1	541,879	487,680	+11.1	541,879	487,680	+11.1
TOTAL EXPORTS	99,760	74,630	+33.7	99,760	74,630	+33.7						
TOTAL DOMESTIC	409,385	329,193	+24.4	409,385	329,193	+24.4						
INJECTION MOLDING	116,591	103,330	+12.8	116,591	103,330	+12.8						
APPLIANCES	11,316	10,204	+10.9	11,316	10,204	+10.9						
CONSUMER PRODUCTS	27,196	24,545	+10.8	27,196	24,545	+10.8						
RIGID PACKAGING	38,107	37,253	+ 2.3	38,107	37,253	+ 2.3						
TRANSPORTATION	26,383	24,481	+ 7.8	26,383	24,481	+ 7.8						
ALL OTHER INJECTION MOLDING	13,589	6,847	+98.5	13,589	6,847	+98.5						
BLOW MOLDING	10,504	8,462	+24.1	10,504	8,462	+24.1						
CONTAINERS	D	D		D	D							
ALL OTHER BLOW MOLDING	D	D		D	D							
FILM (10 MILS & BELOW)	45,289	42,788	+ 5.8	45,289	42,788	+ 5.8						
SHEET (OVER 10 MILS)	6,647	2,683	+147.7	6,647	2,683	+147.7						
EXTRUSION COATING	D	D		D	D							
WIRE & CABLE	D	D		D	D							
FIBER & FILAMENTS	134,037	93,786	+42.9	134,037	93,786	+42.9						
TEXTILE APPLICATIONS	126,658	85,340	+48.4	126,658	85,340	+48.4						
NON-TEXTILE MONOFILAMENTS	7,379	8,446	-12.6	7,379	8,446	-12.6						
PIPE & CONDUIT	D	D		D	D							
OTHER EXTRUDED PRODUCTS #	8,466	6,610	+28.1	8,466	6,610	+28.1						
RESELLERS & COMPOUNDERS	82,715	65,373	+26.5	82,715	65,373	+26.5						
ALL OTHER USES	5,136	6,161	-16.6	5,136	6,161	-16.6						

= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

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SPI

SECTION I

CRS

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

JANUARY 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	86,758	81,879	+ 6.0	86,758	81,879	+ 6.0	83,598	76,703	+ 9.0	83,598	76,703	+ 9.0
TOTAL EXPORTS												
TOTAL DOMESTIC												
ELECTRICAL & ELECTRONIC USES												
PIPE, CONDUIT & FITTINGS												
TRANSPORTATION												
CONSUMER & INSTITUTIONAL												
ALL OTHER USES												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	8,189	7,123	+15.0	8,189	7,123	+15.0	9,916	8,077	+22.8	9,916	8,077	+22.8
TOTAL EXPORTS	1,190	676	+76.0	1,190	676	+76.0						
TOTAL DOMESTIC	6,999	6,447	+ 8.6	6,999	6,447	+ 8.6						
POLYSTYRENE RESINS, TOTAL	334,769	347,669	- 3.7	334,769	347,669	- 3.7	384,845	323,659	+18.9	384,845	323,659	+18.9
STRAIGHT POLYSTYRENE	178,543	184,807	- 3.4	178,543	184,807	- 3.4	201,300	176,485	+14.1	201,300	176,485	+14.1
RUBBER-MODIFIED POLYSTYRENE	156,226	162,862	- 4.1	156,226	162,862	- 4.1	183,545	147,174	+24.7	183,545	147,174	+24.7
TOTAL EXPORTS	6,961	7,816	-10.9	6,961	7,816	-10.9						
STRAIGHT POLYSTYRENE	4,628	4,556	+ 1.6	4,628	4,556	+ 1.6						
RUBBER-MODIFIED POLYSTYRENE	2,333	3,260	-28.4	2,333	3,260	-28.4						
TOTAL DOMESTIC	327,808	339,853	- 3.5	327,808	339,853	- 3.5						
MOLDING	115,082	121,164	- 5.0	115,082	121,164	- 5.0						
EXTRUSION	150,428	155,752	- 3.4	150,428	155,752	- 3.4						
EXPANDABLE POLYSTYRENE BEADS	37,876	30,552	+24.0	37,876	30,552	+24.0						
ALL OTHER USES	24,422	32,385	-24.6	24,422	32,385	-24.6						
POLYSTYRENE END USES, TOTAL**	327,808	339,853	- 3.5	327,808	339,853	- 3.5						
PACKAGING	87,881	89,645	- 2.0	87,881	89,645	- 2.0						
DISPOSABLES	44,927	44,395	+ 1.2	44,927	44,395	+ 1.2						
CONSUMER AND INSTITUTIONAL PRODUCTS	49,497	43,534	+13.7	49,497	43,534	+13.7						
ELECTRICAL/ELECTRONICS	34,981	33,114	+ 5.6	34,981	33,114	+ 5.6						
FURNITURE, FURNISHINGS, BUILDING & CONSTRUCTION	20,363	14,818	+37.4	20,363	14,818	+37.4						
EXPANDABLE POLYSTYRENE BEADS	37,876	30,552	+24.0	37,876	30,552	+24.0						
RESELLERS AND COMPOUNDERS	31,935	41,025	-22.2	31,935	41,025	-22.2						
ALL OTHER END USES	20,348	42,770	-52.4	20,348	42,770	-52.4						

** = Portions of the End Use Section
are estimated.

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

JANUARY 1987

	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
RESIN KIND & USE	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
STYRENE BASED LATEXES, TOTAL ***	77,055	73,013	+ 5.5	77,055	73,013	+ 5.5	73,599	65,829	+11.8	73,599	65,829	+11.8
PAPER TREATING	8,693	4,602	+88.9	8,693	4,602	+88.9						
TEXTILE TREATING	1,539	1,744	-11.8	1,539	1,744	-11.8						
CARPET BACKING	24,767	26,244	- 5.6	24,767	26,244	- 5.6						
ALL OTHER USES (INCLUDING EXPORTS & PAPER COATING)	42,056	40,423	+ 4.0	42,056	40,423	+ 4.0						
OTHER STYRENE BASED POLYMERS, TOTAL 40% OR MORE STYRENE	21,563	24,331	-11.4	21,563	24,331	-11.4	21,635	23,825	- 9.2	21,635	23,825	- 9.2
TOTAL EXPORT	D	D		D	D							
TOTAL DOMESTIC	D	D		D	D							
MOLDING & EXTRUSION	D	D		D	D							
COATINGS	D	D		D	D							
NYLON RESINS, TOTAL	36,759	37,689	- 2.5	36,759	37,689	- 2.5	41,368	39,206	+ 5.5	41,368	39,206	+ 5.5
TOTAL EXPORTS	3,928	2,138	+83.7	3,928	2,138	+83.7						
TOTAL DOMESTIC	32,831	35,551	- 7.7	32,831	35,551	- 7.7						
INJECTION MOLDING GRADE	19,899	23,048	-13.7	19,899	23,048	-13.7						
EXTRUSION GRADE	10,228	9,674	+ 5.7	10,228	9,674	+ 5.7						
RESELLERS AND COMPOUNDERS	1,649	2,040	-19.2	1,649	2,040	-19.2						
ALL OTHER USES	1,055	789	+33.7	1,055	789	+33.7						

*** = Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

Styrene Based Latexes sales includes some Canadian-produced material.

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

JANUARY 1987

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	582,644	609,969	- 4.5	582,644	609,969	- 4.5	598,567	564,152	+ 6.1	598,567	564,152	+ 6.1
HOMOPOLYMER RESINS INCLUDING BLENDING & LATEX	541,501	562,184	- 3.7	541,501	562,184	- 3.7	552,793	517,119	+ 6.9	552,793	517,119	+ 6.9
COPOLYMER RESINS INCLUDING BLENDING & LATEX	10,798	16,504	-34.6	10,798	16,504	-34.6	13,313	14,493	- 8.1	13,313	14,493	- 8.1
DISPERSION RESINS	30,345	31,281	- 3.0	30,345	31,281	- 3.0	32,461	32,540	- 0.2	32,461	32,540	- 0.2
TOTAL EXPORTS	30,820	29,133	+ 5.8	30,820	29,133	+ 5.8						
TOTAL DOMESTIC	551,824	580,836	- 5.0	551,824	580,836	- 5.0						
CALENDERING, TOTAL	44,683	55,925	-20.1	44,683	55,925	-20.1						
FLOORING	8,449	11,111	-24.0	8,449	11,111	-24.0						
TEXTILE	5,244	4,507	+16.4	5,244	4,507	+16.4						
ALL OTHER CALENDERING USES	30,990	40,307	-23.1	30,990	40,307	-23.1						
COATING, TOTAL	25,602	24.139	+ 6.1	25,602	24,139	+ 6.1						
FLOORING	11,044	9,875	+11.8	11,044	9,875	+11.8						
TEXTILE & PAPER COATING	7,808	7,633	+ 2.3	7,808	7,633	+ 2.3						
PROTECTIVE COATING	3,672	3,687	- 0.4	3,672	3,687	- 0.4						
ADHESIVES & ALL OTHER COATING USES	3,078	2,944	+ 4.6	3,078	2,944	+ 4.6						
EXTRUSION, TOTAL	401,254	397,078	+ 1.1	401,254	397,078	+ 1.1						
WIRE & CABLE	30,208	35,116	-14.0	30,208	35,116	-14.0						
FILM & SHEET, PACKAGING	20,242	24,356	-16.9	20,242	24,356	-16.9						
FILM & SHEET, NON-PACKAGING	3,239	N/A		3,239	N/A							
SIDING, SIDING ACCESSORIES, & MOBILE HOME SKIRTS	43,839	38,412	+14.1	43,839	38,412	+14.1						
RIGID PIPE & TUBING (EXCEPT FITTINGS)	260,318	253,733	+ 2.6	260,318	253,733	+ 2.6						
ALL OTHER EXTRUSIONS	43,408	45,461	- 4.5	43,408	45,461	- 4.5						
MOLDING, TOTAL	29,251	47,518	-38.4	29,251	47,518	-38.4						
BOTTLES	8,171	15,742	-48.1	8,171	15,742	-48.1						
FITTINGS (RIGID PIPE & TUBING)	9,782	17,405	-43.8	9,782	17,405	-43.8						
ALL OTHER MOLDING	11,298	14,371	-21.4	11,298	14,371	-21.4						
PASTE PROCESSES (EXCEPT COATING)	11,282	14,685	-23.2	11,282	14,685	-23.2						
PLASTISOL FORMULATION	5,798	7,031	-17.5	5,796	7,031	-17.5						
ALL OTHER	5,484	7,654	-28.4	5,484	7,654	-28.4						
RESELLERS & COMPOUNDERS	29,213	23,086	+26.5	29,213	23,086	+26.5						
ALL OTHER USES	10,539	18,405	-42.7	10,539	18,405	-42.7						

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N/A = Comparable data not available

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

JANUARY 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JANUARY			YEAR-TO-DATE			JANUARY			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	59,234	59,203	+ 0.0	59,234	59,203	+ 0.0	59,234	59,203	+ 0.0	59,234	59,203	+ 0.0
TOTAL EXPORTS	229	625	-63.4	229	625	-63.4						
TOTAL DOMESTIC #	59,005	58,578	+ 0.7	59,005	58,578	+ 0.7						
EMULSION PAINTS	22,090	20,385	+ 8.4	22,090	20,385	+ 8.4						
ADHESIVES, CAULKS AND SEALANTS	20,802	21,129	- 1.5	20,802	21,129	- 1.5						
PAPER TREATING & PAPER COATING	9,261	9,336	- 0.8	9,261	9,336	- 0.8						
TEXTILE TREATING	2,410	2,982	-19.2	2,410	2,982	-19.2						
NON-WOVEN BINDERS	D (1)	D (1)		D (1)	D (1)							
ALL OTHER USES	4,442	4,746	- 6.4	4,442	4,746	- 6.4						
POLYVINYL ALCOHOL, TOTAL	D (4)	D (4)		D (4)	D (4)		D (4)	D (4)		D (4)	D (4)	
TOTAL EXPORTS	D (4)	D (4)		D (4)	D (4)							
TOTAL DOMESTIC	D (4)	D (4)		D (4)	D (4)							
OTHER VINYL RESINS**, TOTAL	15,486	14,195	+ 9.1	15,486	14,195	+ 9.1	16,614	17,397	- 4.5	16,614	17,397	- 4.5
TOTAL EXPORTS	4,795	3,166	+51.5	4,795	3,166	+51.5						
TOTAL DOMESTIC	10,691	11,029	- 3.1	10,691	11,029	- 3.1						
**INCLUDE ONLY POLYVINYL BUTYRAL, POLYVINYL FORMAL, AND POLYVINYLIDENE CHLORIDE												
THERMOPLASTIC POLYESTER, TOTAL	91,070	83,734	+ 8.8	91,070	83,734	+ 8.8	97,854	85,823	+14.0	97,854	85,823	+14.0
TOTAL EXPORTS	10,559	11,304	- 6.6	10,559	11,304	- 6.6						
TOTAL DOMESTIC	80,511	72,430	+11.2	80,511	72,430	+11.2						
PET BOTTLE GRADES	62,515	51,706	+20.9	62,515	51,706	+20.9						
ALL OTHER THERMOPLASTIC POLYESTER***	17,996	20,724	-13.2	17,996	20,724	-13.2						

*** = Includes All Other PET and All Injection Molding Grades

= Includes inputed data

(1) = Included in All Other Uses

(4) = The publishing of PVOH data has been temporarily suspended.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS	
EPOXY (UNMODIFIED) RESINS	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
HIGH-DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS)	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BUTADIENE LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENE BASED LATEXES - over 50% styrene including styrene butadiene latexes not carboxylated	OTHER SBL
OTHER STYRENE BASED POLYMERS - over 40% styrene and used in molding and extrusion processes	OTHER SBP
NYLON RESINS	NYLON
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAc
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS

CATEGORY	CODE
Production	P
Domestic Sales	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL OSBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ADVANCE COATING CO.		PD																	
A & E PLASTICS											PDE								
AIR PRODUCTS & CHEMICALS															PDE	DE	PDE		
ALLIED CHEMICAL CO.							PDE							PDE					PD
ALLIED BENDIX					PD														
ALPHA CHEMICAL CORPORATION		PDE																	
AMERICAN CYANAMID COMPANY			PDE	PDE															
AMERICAN HOECHST CORP. - PLASTICS DIVISION							PDE												
AMERICAN HOECHST CORP. SOU-TEX DIVISION				PD	PD														
AMETEK, HAVEG DIVISION					PD														
AMOCO CHEMICAL CORPORATION							PDE	PDE			PDE								
ANDERSON DEVELOPMENT CO.													PD						
ARCO CHEMICAL											PDE		PDE						
ARISTECH CHEMICAL CO.		PDE						PDE											
ASHLAND CHEMICAL COMPANY		PDE			PD														
ASOMA POLYMERS, INC.											PD								
ATOCHEM, INC.														PDE					
AZS CORPORATION		PD																	
BASF CORPORATION											PDE			PDE					

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL OSBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
BELDING CHEMICAL INDUSTRIES														PD					
BORDEN-CHEMICAL COMPANY			PD	PD	PDE										PDE	D			
BORG WARNER CHEMICALS, INC.									PDE	PD									
CELANESE CHEMICAL COMPANY																D			
CELANESE ENGINEERING RESINS														PDE					PDE
CERTAIN-TEED PRODUCTS CORP.															PD				
CHEMBOND CORPORATION			PD	PD	PDE														
CHEVRON CHEMICAL OLEFINS						PDE	PDE				PDE								
CIBA-GEIGY CORP.	PDE																		
COOK PAINT & VARNISH		PD																	
CUSTOM RESINS, INC.														PD					
DAN RIVER, INC.			PD																
DART POLYMERS											PD								
DIVERSITECH GENERAL												PDE							
DOW CHEMICAL U.S.A.	PDE	PDE				PDE	PDE		PDE	PDE	PDE	PDE	PDE					PDE	
E.I. DUPONT DE NEMOURS AND COMPANY						PDE	PDE						PDE	PDE			PDE	PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE		PDE											PDE
EL PASO PRODUCTS CO.						PDE		PDE											

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

	RESIN CATEGORY																		
COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	S OS BB LL	OTHER SBR	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
EMSER INDUSTRIES														PD					
EXXON CHEMICAL AMERICAS						PDE	PDE	PDE											
FINA OIL & CHEMICAL								PDE			PDE								
FIRESTONE SYNTHETIC RUBBER & LATEX													PD						
FORMICA CORPORATION				PDE	D														
FORMOSA PLASTICS CORPORATION															PD				
FREEMAN CHEMICAL CORPORATION		PD																	
H. B. FULLER																D			
GENERAL ELECTRIC COMPANY										PD									PDE
GEORGIA-GULF															PDE				
GEORGIA-PACIFIC CORPORATION			PD		PD														
GLIDDEN COATINGS AND RESINS DIV OF SCM		PD																	
B. F. GOODRICH CHEMICAL CO.										PDE					PDE				
GOODYEAR CHEMICAL DIVISION												PD	PDE		PDE				PDE
DEWEY & ALMY DIVISION W. R. GRACE & COMPANY									PD			PD				D		PDE	
GRIFFTEX CHEMICALS			PD	PD															
HARBORCHEM, INC.			PD	PD															
HIMONT USA, INC.							PDE	PDE											
HOECHST FIBERS INDUSTRIES																			PDE

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL OSBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
HUNTSMAN CHEMICAL CORP.											PDE								
ICI AMERICAS		PDE																	PDE
INMONT CORPORATION		PDE			PD														
INTERPLASTICS CORPORATION		PD																	
INTEREZ, INC.	PDE		PD	PD															
IRONSIDES CO.					PD														
KEYSOR-CENTURY CORPORATION															PD				
KOPPERS COMPANY		PD			PDE														
MOBIL CHEMICAL COMPANY						PDE	PDE				PDE								
MONSANTO COMPANY			PDE	PDE					PDE	PDE			PDE	PDE		DE		PDE	
MORTON INDUSTRIES												PD						PDE	
NATIONAL STARCH & CHEMICALS CORP.																D			
NYLON CORP. OF AMERICA														PD					
OCCIDENTAL CHEMICAL CORP.					PDE										PDE				
OWENS-CORNING FIBERGLASS		PDE			PD														
PERKINS INDUSTRIES, INC.			PD		PD														
PERSTORP COMPOUNDS INC.			PDE	PDE															
PHILLIPS CHEMICAL COMPANY							PDE	PD					PDE						

SPI **CRS**

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL OSBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
PLASLOK CORPORATION					PD														
PLASTICS ENGINEERING COMPANY					PDE														
POLYREZ COMPANY, INC.					PDE														
POLYSAR, INC.											PDE								
POLYSAR LATEX												PD							
RAYMARK INDUSTRIES					PD														
REICHHOLD CHEMICALS, INC.	PDE	PDE	PDE	PDE	PDE							PD				DE			
ROGERS CORPORATION					PDE														
ROHM AND HAAS COMPANY													PDE			D		PDE	
SHAKESPEARE COMPANY														PD					
SHELL CHEMICAL COMPANY	PDE							PDE											
SHINTECH, INC.															PDE				
SILMAR DIV. OF SOHIO CHEM. CO.		PDE																	
SOLTEX						PDE	PDE	PDE											
STERLING ENGINEERED PRODUCTS		PDE	PDE	PDE	PDE														
TEXSTYRENE PLASTICS											PD								
UNION CARBIDE CORPORATION	PDE				PDE	PDE	PDE									DE			
UNION CHEMICAL												PD				D		PD	

SECTION I

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL OSBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
U.S.I. CHEMICALS CO.						PDE	PDE	PDE								D			
VALCHEM DIV. OF UNITED MERCHANTS INC.			PD																
VALITE DIVISION OF VALENTINE SUGARS, INC.					PD														
VISTA CHEMICAL CO.															PDE				
WELLMAN, INC.														PDE					
TOTALS	6	17	14	12	23	10	13	11	4	5	13	8	9	12	11	12	2	7	8

5/11/87 A8920-5

The Society of the
Plastics Industry, Inc.

SPI

MonthlyStatisticalReport-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
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FOR THE MONTH AND PERIOD ENDED

FEBRUARY 1987

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

**SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY**

ELEASE DATE: April 28, 1987

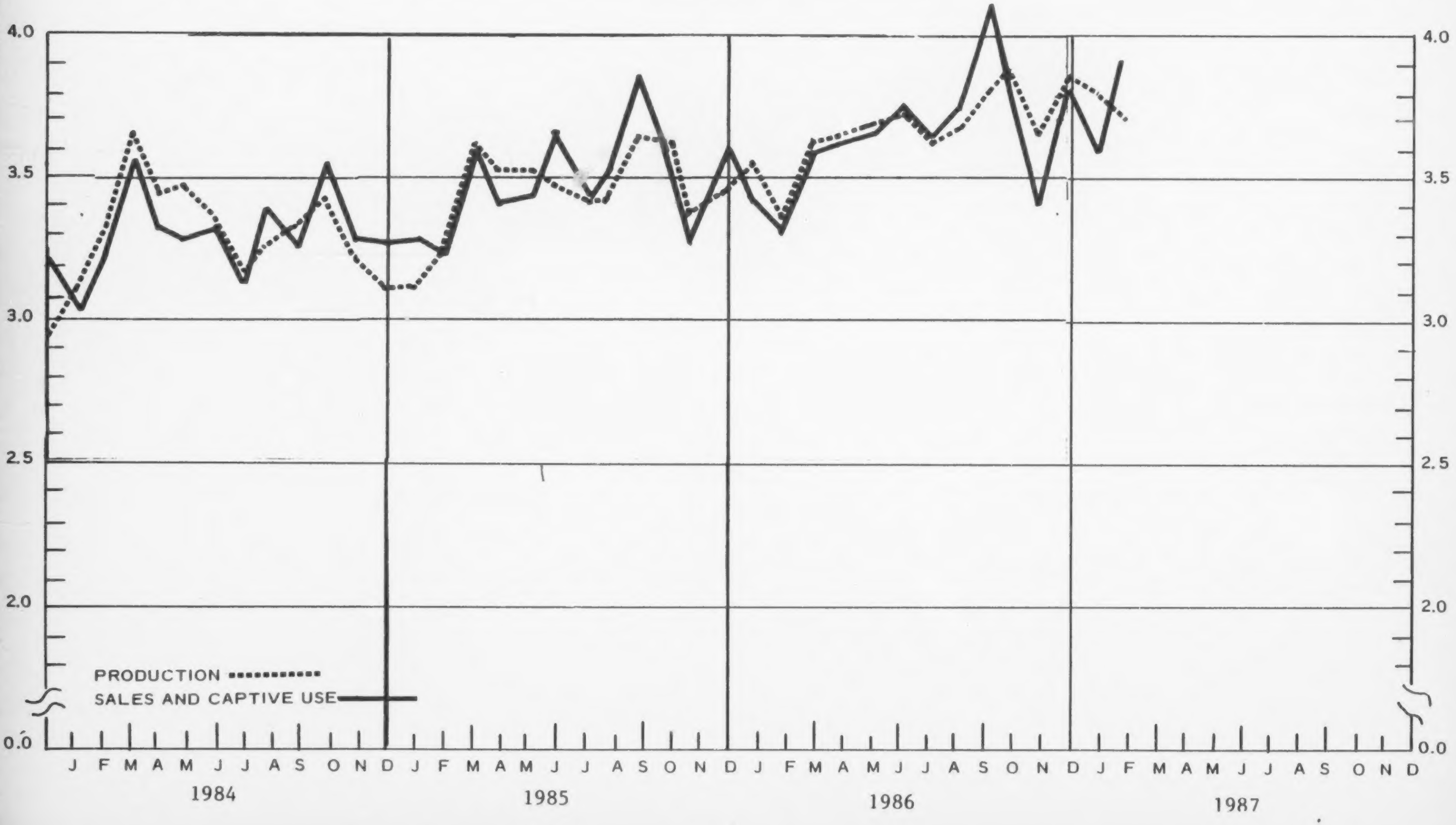
SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)



Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

FEBRUARY 1987

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	FEBRUARY			YEAR TO DATE			FEBRUARY			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
EPOXY RESINS, TOTAL	28,982	29,085	- 0.4	58,228R	61,809	- 5.8	21,305	30,312	-29.7	48,918R	58,792	-16.8
POLYESTER (UNSATURATED) RESINS, TOTAL	105,551	101,154	+ 4.3	202,074P	201,017	+ 0.5	107,197	101,649	+ 5.5	205,437	199,059	+ 3.2
UREA RESINS, TOTAL	106,283	96,201	+10.5	206,609	192,990	+ 7.1	106,525	97,694	+ 9.0	214,387R	193,831	+10.6
MELAMINE RESINS, TOTAL	16,676	15,416	+ 8.2	32,613	31,456	+ 3.7	16,140	14,121	+14.3	33,511	26,313	+27.4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	217,411	215,027	+ 1.1	442,274R	444,059	- 0.4	217,116	212,307	+ 2.3	442,755R	433,452	+ 2.1
THERMOSETTING RESINS, TOTAL	474,903	456,883	+ 3.9	941,798R	931,331	+ 1.1	468,283	456,088	+ 2.7	945,008R	911,447	+ 3.7
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	772,375	611,774	+26.3	1,481,974	1,339,279	+10.7	730,245	695,846	+ 4.9	1,525,365	1,513,298	+ 0.8
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	615,896	541,152	+13.8	1,189,644	1,015,487	+17.2	590,290	545,087	+ 8.3	1,229,514	1,103,592	+11.4
POLYPROPYLENE, TOTAL	513,400	452,881	+13.4	1,022,545	856,204	+19.4	495,731	427,272	+16.0	1,037,610	914,952	+13.4
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	107,245	89,110	+20.4	194,003	170,989	+13.5	100,117	95,495	+ 4.8	183,715	172,198	+ 6.7
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	11,167	6,759	+65.2	19,356	13,882	+39.4	12,064	8,004	+50.7	21,980	16,081	+36.7
POLYSTYRENE RESINS, TOTAL	449,071	320,564	+40.1	787,683R	668,233	+17.9	368,782	324,175	+13.8	757,875R	647,834	+17.0
STYRENE BASED LATEXES, TOTAL **	81,226	66,504	+22.1	158,281	139,517	+13.4	74,790	61,566	+21.5	148,389	127,395	+16.5
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	20,533	18,345	+11.9	42,096	42,676	- 1.4	17,925	19,590	- 8.5	39,560	43,415	- 8.9
NYLON RESINS, TOTAL	41,886	37,946	+10.4	78,645	75,635	+ 4.0	41,386	35,918	+15.2	82,754	75,124	+10.2
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	623,675	576,339	+ 8.2	1,206,319	1,186,308	+ 1.7	614,696	561,718	+ 9.4	1,213,263	1,125,870	+ 7.8
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	56,133	54,351	+ 3.3	113,981R	113,554	+ 0.4	* 56,133	* 54,351	+ 3.3	* 113,981R	* 113,554	+ 0.4
POLYVINYL ALCOHOL, TOTAL #	D(4)	D(4)		D(4)	D(4)		D(4)	D(4)		D(4)	D(4)	
OTHER VINYL RESINS, TOTAL	16,388	15,065	+ 8.8	31,874	29,260	+ 8.9	17,917	15,916	+12.6	34,531	33,313	+ 3.7
THERMOPLASTIC POLYESTER, TOTAL	99,325	82,293	+20.7	190,395	166,027	+14.7	99,354	86,652	+14.7	197,208	172,475	+14.3
THERMOPLASTIC RESINS, TOTAL	3,408,320	2,873,083	+18.6	6,516,796R	5,817,551	+12.0	3,219,430	2,931,590	+ 9.8	6,585,745R	6,059,101	+ 8.7
GRAND TOTAL	3,883,223	3,329,966	+16.6	7,458,594R	6,748,882	+10.5	3,687,713	3,387,678	+ 8.9	7,530,753R	6,970,548	+ 8.0

(1) = Except phenolic resins which are reported on a gross weight basis

* = These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

# = Includes imputed data

** = Sales and Captive Use figures include some Canadian produced material.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In millions of pounds, dry weight basis)(1)

FEBRUARY 1987

RESIN KIND	FEBRUARY				YEAR-TO-DATE				
	Production	Imports	Exports*	Apparent Consumption	Production	Imports	Exports*	Apparent Consumption	Import % of Apparent Consumption
EPOXY RESINS, TOTAL	21	1	10	12	49R	2	19	32	6
POLYESTER (UNSATURATED) RESINS, TOTAL	107	0	3	104	205R	1	7	199	1
UREA RESINS, TOTAL	107	2	0	109	214R	5	1	218	2
MELAMINE RESINS, TOTAL	16	1	1	16	34	2	2	34	6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	217	4	4	217	443R	8	8	443	2
THERMOSETTING RESINS, TOTAL	468	8	18	458	945	18	37	926	2
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	730	71	71	730	1,525	140	117	1,548	9
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	590	7	65	532	1,230	15	134	1,111	1
POLYPROPYLENE, TOTAL	496	1	106	391	1,038	3	226	815	0
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	100	6	13	93	184	11	23	172	6
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	12	0	2	10	22	0	4	18	0
OTHER STYRENICS	93	9	6	96	188	15	15	188	8
POLYSTYRENE, TOTAL	369	1	11	359	758R	2	18	742	0
NYLON RESINS, TOTAL	41	5	6	40	83	8	13	78	10
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	615	18	35	598	1,213	26	67	1,172	2
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	56	3	4	55	114R	4	6	112	4
POLYVINYL ALCOHOL, TOTAL	D(4)	-	-	-	D(4)	-	-	-	-
OTHER VINYL RESINS, TOTAL	18	2	5	15	35	4	7	32	13
THERMOPLASTIC POLYESTER, TOTAL	99	2	5	96	197	3	10	190	2
THERMOPLASTIC RESINS, TOTAL	3,219	125	329	3,015	6,587R	231	640	6,178	4
GRAND TOTAL	3,687	133	347	3,473	7,532	249	677	7,104	4

(1) = Except phenolic resins which are reported on a gross weight basis
D = Disclosure
R = Revision

(4) = The publishing of PVOH data is temporarily suspended.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

Sources: Production – SPI Monthly Statistical Report
Imports – Bureau of Census IM 146
Exports – Bureau of Census EM 546

* = Bureau of Census exports will differ from the SPI exports as published on pages 4 through 11 of this report.

	Import No. (1)	Export No. (2)
Epoxy	409.0200	444.5410/444.5420
Polyester, Unsaturated	409.1000	444.6000
Urea	445.3540	444.5220
Melamine	445.3520	444.5210
Phenolic	409.0600	444.5810/444.5820
Low Density Polyethylene	445.3010	444.1604/444.1606/444.1608
High Density Polyethylene	445.3020	444.1620
Polypropylene	445.5200	444.1700
ABS	408.7200	444.2010
SAN	408.8100	444.2020
Other Styrenics	408.7600/408.8450	444.2050
Polystyrene	408.8420	444.2030/444.2040
Nylon	408.6100	444.1210
PVC	445.4600	444.2310/444.2320
Vinyl Acetate	445.4400	444.2120
Polyvinyl Alcohol	445.4200	444.2110
Other Vinyls	445.4800	444.2330
Thermoplastic Polyester	408.6800	444.1500

(1) Tariff Schedules of the U.S. Annotated

(2) Schedule B

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

February 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	February			YEAR-TO-DATE			February			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
EPOXY RESINS, TOTAL	28,982	29,085	- 0.4	58,228R	61,809	- 5.8	21,305	30,317	-29.7	48,918R	58,792	-16.8
Total Exports	3,266	3,952	-17.4	7,110R	9,748	-27.1						
Captive Use, Total	902	891	+ 1.2	1,942R	2,189	-11.3						
Domestic Sales, Total	24,814	24,242	+ 2.4	49,176R	49,872	- 1.4						
Domestic Sales & Captive Use, Total	25,716	25,133	+ 2.3	51,118R	52,061	- 1.8						
Bonding & Adhesives	1,325	1,647	-19.6	2,827R	3,284	-13.9						
Flooring, Paving & Exposed Aggregate	1,293	1,435	- 9.9	2,571R	2,583	- 0.5						
Protective Coatings	12,916	12,516	+ 3.2	25,131R	25,749	- 2.4						
Fiber Reinforced Laminates & Composites, Total	6,117	5,704	+ 7.2	12,311R	12,449	- 1.1						
FRL&C for Printed Wiring Board	4,289	3,626	+18.3	8,766R	7,453	+17.6						
All Other FRL&C	1,828	2,078	-12.0	3,545R	4,996	-29.0						
Tooling, Casting & Molding Resins	1,713	1,818	- 5.8	3,466R	3,972	-12.7						
All Other Uses	2,352	2,013	+16.8	4,812R	4,024	+19.6						
POLYESTER (UNSATURATED) RESINS, TOTAL	105,551	101,154	+ 4.3	202,074R	201,017	+ 0.5	107,197	101,649	+ 5.5	205,437R	199,059	+ 3.2
Total Exports	711	811	-12.3	950R	1,680	-43.5						
Total Domestic	104,840	100,343	+ 4.5	201,124R	199,337	+ 0.9						
General Purpose Resins, Total	90,863	87,657	+ 3.7	174,523R	173,678	+ 0.5						
General Purpose – Thixotropic	40,947	39,390	+ 4.0	80,405R	77,348	+ 4.0						
General Purpose – Press Molding	13,248	15,776	-16.0	23,018R	29,319	-21.5						
General Purpose – All Other	36,668	32,491	+12.9	71,100R	67,011	+ 6.1						
Flame Retardant Resins	2,166	2,089	+ 3.7	4,269R	4,001	+ 6.7						
Chemical Resistant Resins	11,811	10,597	+11.5	22,332R	21,658	+ 3.1						
Chemical Resistant Isophthalic Resins	9,158	8,318	+10.1	17,572R	17,326	+ 1.4						
All Other Chemical Resistant Resins	2,653	2,279	+16.4	4,760R	4,332	+ 9.9						
Reinforced Plastics, Total	79,693	78,060	+ 2.1	150,593R	154,999	- 2.8						
Non-Reinforced Plastics, Total	25,147	22,283	+12.9	50,531R	44,338	+14.0						

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R – Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING RESINS,

(In thousands of pounds, dry weight basis)(1)

February 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	February			YEAR-TO-DATE			February			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987.	1986	% Change
UREA RESINS, TOTAL	106,283	96,201	+10.5	206,609	192,990	+7.1	106,525	97,694	+9.0	214,387R	193,831	+10.6
MELAMINE RESINS, TOTAL	16,676	15,416	+8.2	32,613	31,456	+3.7	16,140	14,121	+14.3	33,511	26,313	+27.4
UREA & MELAMINE RESINS, TOTAL	122,959	111,617	+10.2	239,222	224,446	+6.6	122,665	111,815	+9.7	247,898R	220,144	+12.6
Total Exports	D	D		D	D							
Total Domestic*	122,959	111,617	+10.2	239,222	224,446	+6.6						
Textile Treating & Coating Resins	1,871	1,504	+24.4	4,293	3,666	+17.1	2,190	1,912	+14.5	4,688	4,661	+0.6
Paper Treating & Coating Resins	8,202	7,779	+5.4	14,773	14,904	-0.9	8,349	7,636	+9.3	14,993R	14,823	+1.1
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	94,429	85,901	+9.9	184,221	171,717	+7.3	94,605	86,206	+9.7	184,418	170,420	+8.2
Laminating	3,791	3,736	+1.5	7,671	7,113	+7.8	3,571	3,492	+2.3	7,233	6,751	+7.1
Plywood	5,490	4,753	+15.5	9,791	8,712	+12.4	5,415	4,756	+13.9	9,826	8,728	+12.6
Fibrous & Granulated Wood (Particle Board)	85,148	77,412	+10.0	166,759	155,892	+7.0	85,619	77,958	+9.8	167,359	154,939	+8.0
Protective Coatings (Straight & Modified)	9,528	8,764	+8.7	18,644	18,195	+2.5	10,326	8,702	+18.7	28,500	15,024	+89.7
All Other Uses (Includes Molding Compounds, and Exports)	8,929	7,669	+16.4	17,291	15,964	+8.3	7,195	7,359	-2.2	15,299	15,216	+0.5
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	217,411	215,027	+1.1	442,274R	444,059	-0.4	217,116	212,307	+2.3	442,755R	433,452	+2.1
Total Exports	1,714	1,201	+42.7	2,929	2,585	+13.3						
Total Domestic	215,697	213,826	+0.9	439,345R	441,474	-0.5						
Molding Compounds	16,960	18,079	-6.2	32,302R	35,990	-10.2	17,652	18,721	-5.7	34,364R	36,263	-5.2
Bonding & Adhesive Resins for:	192,249	192,706	-0.2	394,213	399,205	-1.3	192,938	190,193	+1.4	395,250	390,493	+1.2
Laminating	15,510	15,461	+0.3	32,484	32,524	-0.1	15,809	12,829	+23.2	32,745	26,813	+22.1
Coated & Bonded Abrasives	1,506	1,521	-1.0	2,951	3,023	-2.4	1,514	1,525	-0.7	2,966	3,038	-2.4
Friction Materials	2,820	2,742	+2.8	5,201	4,702	+10.6	2,676	2,506	+6.8	5,016	4,439	+13.0
Insulation Materials	29,194	30,418	-4.0	61,678	66,446	-7.2	29,246	30,690	-4.7	62,012	62,984	-1.5
Foundry & Shell Molding	3,572	3,649	-2.1	7,153	7,144	+0.1	3,631	3,516	+3.3	7,086	7,004	+1.2
Plywood	117,065	109,801	+6.6	238,113	225,515	+5.6	117,660	109,724	+7.2	239,076	225,821	+5.9
Fibrous & Granulated Wood	18,262	20,436	-10.6	38,358	43,007	-10.8	18,135	20,435	-11.3	38,170	43,155	-11.6
Resins Sold to Rubber Industry	1,407	2,408	-41.6	2,556	4,912	-48.0	1,369	2,651	-48.4	2,560	5,298	-51.7
All Other	2,913	6,270	-53.5	5,719	11,932	-52.1	2,898	6,317	-54.1	5,619	11,941	-52.9
Protective Coatings – Unmodified & Modified	2,078	1,599	+30.0	4,064	3,401	+19.5	2,065	1,564	+32.0	4,038	3,341	+20.9
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	4,410	1,442	+205.8	8,766	2,878	+204.6	4,461	1,829	+143.9	9,103	3,355	+171.3

(1) = Except phenolic resins which are reported on a gross weight basis

* - Domestic total includes exports.

# - Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

R = Revision.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D Disclosure
R Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

February 1937

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	February			YEAR-TO-DATE			February			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	772,375	611,774	+26.3	1,481,974	1,339,279	+10.7	730,245	695,846	+4.9	1,525,365	1,513,298	+0.8
Total Exports	99,136	66,703	+48.6	165,085	142,818	+15.6						
Total Domestic	673,239	545,071	+23.5	1,316,889	1,196,461	+10.1						
Film (12 Mils & Below)	407,205	296,372	+37.4	792,790	717,917	+10.4						
Sheet (Over 12 Mils)	D	D		D	D							
Injection Molding	50,599	46,945	+7.8	102,434	90,460	+13.2						
Wire & Cable	25,760	26,256	-1.9	53,518	55,209	-3.1						
Extrusion Coating	62,976	56,522	+11.4	129,026	109,138	+18.2						
Blow Molding	3,884	3,528	+10.1	7,846	7,058	+11.2						
Pipe & Conduit, Total	3,332	2,947	+13.1	7,151	5,373	+33.1						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	9,072	7,978	+13.7	20,238	17,350	+16.6						
Resellers & Compounders	55,053	44,651	+23.3	100,060	81,807	+22.3						
All Other Uses	55,358	59,872	-7.5	103,826	112,149	-7.4						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	615,896	541,152	+13.8	1,189,644	1,015,437	+17.2	590,290	545,087	+8.3	1,229,514	1,103,592	+11.4
Total Exports	84,770	88,840	-4.6	149,828	145,289	+3.1						
Total Domestic	531,126	452,312	+17.4	1,039,816	870,198	+19.5						
Film (12 Mils & Below)	44,730	36,293	+23.2	84,602	72,016	+17.5						
Sheet (Over 12 Mils)	18,973	14,294	+32.7	34,551	25,253	+36.8						
Injection Molding	131,071	110,169	+19.0	271,284	204,749	+32.5						
Wire & Cable	11,357	9,309	+22.0	20,330	20,406	-0.4						
Extrusion Coating	D	D		D	D							
Blow Molding	206,933	185,175	+11.7	416,797	363,896	+14.5						
Pipe & Conduit, Total	36,669	30,857	+18.8	70,813	62,587	+13.1						
Corrugated Pipe & Conduit	12,744	7,180	+77.5	20,255	15,503	+30.7						
Non-Corrugated Pipe & Conduit	23,925	23,677	+1.0	50,558	47,084	+7.4						
Other Extruded Products	3,987	2,951	+35.1	9,185	7,654	+20.0						
Resellers & Compounders	46,474	38,209	+21.6	76,878	68,580	+12.1						
All Other Uses	30,932	25,055	+23.5	55,376	45,057	+22.9						

(2) = Included in Other Extruded Products
(3) = Included in Film

D = Disclosure

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

February 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	February			YEAR-TO-DATE			February			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
POLYPROPYLENE, TOTAL	513,400	452,881	+13.4	1,022,545	856,704	+19.4	495,731	427,272	+16.0	1,037,610	914,952	+13.4
Total Exports	112,676	83,524	+34.9	212,436	158,154	+34.3						
Total Domestic	400,724	369,357	+8.5	810,109	698,550	+16.0						
Injection Molding	116,314	106,983	+8.7	232,905	210,313	+10.7						
Appliances	12,202	10,632	+14.8	23,518	20,836	+12.9						
Consumer Products	25,131	27,011	-7.0	52,327	51,556	+1.5						
Rigid Packaging	36,007	32,030	+12.4	74,114	69,283	+7.0						
Transportation	25,784	27,969	-7.8	52,167	52,450	-0.5						
All Other Injection Molding	17,190	9,341	+84.0	30,779	16,188	+90.1						
Blow Molding	9,093	8,928	+1.8	19,597	17,390	+12.7						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	39,732	41,954	-5.3	85,021	84,742	+0.3						
Sheet (Over 10 Mils)	5,597	2,382	+135.0	12,244	5,065	+141.7						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	132,462	116,832	+13.4	266,499	210,618	+26.5						
Textile Applications	122,797	107,636	+14.1	249,455	192,976	+29.3						
Non-Textile Monofilaments	9,665	9,196	+5.1	17,044	17,642	-3.4						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	9,958	6,275	+58.7	18,424	12,885	+43.0						
Resellers & Compounders	83,827	77,832	+7.7	166,542	143,205	+16.3						
All Other Uses	3,741	8,171	-54.2	8,877	14,332	-38.1						

= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

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D = Disclosure

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

February 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	February			YEAR-TO-DATE			February			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	107,245	89,110	+20.4	194,003	170,989	+13.5	100,117	95,495	+4.8	183,715	172,198	+6.7
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	11,167	6,759	+65.2	19,356	13,882	+39.4	12,064	8,004	+50.7	21,980	16,081	+36.7
Total Exports	1,980	1,029	+92.4	3,170	1,705	+85.9						
Total Domestic	9,187	5,730	+60.3	16,136	12,177	+32.9						
POLYSTYRENE RESINS, TOTAL	449,071	320,564	+40.1	787,683R	668,233	+17.9	368,782	324,175	+13.8	757,875R	647,834	+17.0
Straight Polystyrene	242,027	162,952	+48.5	424,413R	347,759	+22.0	196,625	174,798	+12.5	402,173R	351,283	+14.5
Rubber-Modified Polystyrene	207,044	157,612	+31.4	363,270	320,474	+13.4	172,157	149,377	+15.3	355,702	296,551	+19.9
Total Exports	11,735	7,895	+48.6	18,696	15,711	+19.0						
Straight Polystyrene	6,990	3,892	+79.6	11,618	8,448	+37.5						
Rubber-Modified Polystyrene	4,745	4,003	+18.5	7,078	7,263	-2.5						
Total Domestic	437,336	312,669	+39.9	768,987R	652,522	+17.8						
Molding	162,155	112,921	+43.6	284,098R	234,085	+21.4						
Extrusion	192,814	140,243	+37.5	343,242	295,995	+16.0						
Expandable Polystyrene Beads	54,624	33,632	+62.4	92,500	64,184	+44.1						
All Other Uses	27,743	25,873	+7.2	49,147R	58,258	-15.6						
Polystyrene End Uses, Total**	437,336	312,669	+39.9	768,987R	652,522	+17.8						
Packaging	109,152	75,433	+44.7	197,033	165,078	+19.4						
Disposables	71,047	38,484	+84.6	122,835R	82,879	+48.2						
Consumer and Institutional Products	70,121	38,562	+81.8	119,618	82,096	+45.7						
Electrical/Electronics	41,568	27,662	+50.3	76,549	60,776	+26.0						
Furniture, Furnishings, Building & Construction	23,353	14,099	+65.6	43,716	28,917	+51.2						
Expandable Polystyrene Beads	54,624	33,632	+62.4	92,500	64,184	+44.1						
Resellers and Compounders	39,489	33,055	+19.5	71,424	74,080	-3.6						
All Other End Uses	27,982	51,742	-45.9	45,312	94,512	-52.1						

** = Portions of the End Use Section are estimated.

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R = Revision

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

February 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	February			YEAR-TO-DATE			February			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
STYRENE BASED LATEXES, TOTAL	81,226	66,504	+22.1	158,281	139,517	+13.4	74,790	61,566	+21.5	148,389	127,395	+16.5
Paper Treating	4,077	4,226	- 3.5	12,770	8,828	+44.7						
Textile Treating	943	1,607	-41.3	2,482	3,351	-25.9						
Carpet Backing	31,966	24,026	+33.0	56,733	50,270	+12.9						
All Other Uses (Including Exports & Paper Coating)	44,240	36,645	+20.7	86,296	77,068	+12.0						
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	20,533	18,345	+11.9	42,096	42,676	-1.4	17,925	19,590	-8.5	39,560	43,415	-8.9
Total Export	D	D		D	D							
Total Domestic	D	D		D	D							
Molding & Extrusion	D	D		D	D							
Coatings	D	D		D	D							
NYLON RESINS, TOTAL	41,886	37,946	+10.4	78,645	75,635	+4.0	41,386	35,918	+15.2	82,754	75,124	+10.2
Total Exports	3,747	3,219	+16.4	7,675	5,357	+43.3						
Total Domestic	38,139	34,727	+9.8	70,970	70,278	+1.0						
Injection Molding Grade	24,738	23,771	+4.1	44,637	46,819	-4.7						
Extrusion Grade	10,297	9,241	+11.4	20,525	18,915	+8.5						
Resellers and Compounders	2,076	1,313	+58.1	3,725	3,353	+11.1						
All Other Uses	1,028	402	+155.7	2,083	1,191	+74.9						

*** = Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

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D = Disclosure

Styrene Based Latexes sales includes some Canadian-produced material.

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

February 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	February			YEAR-TO-DATE			February			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	623,675	576,339	+8.2	1,206,319	1,186,308	+1.7	614,696	561,718	+9.4	1,213,263	1,125,870	+7.8
Homopolymer Resins Including Blending & Latex	573,018	527,051	+8.7	1,114,519	1,089,235	+2.3	562,987	508,883	+10.6	1,115,780	1,026,002	+8.8
Copolymer Resins Including Blending & Latex	15,328	17,826	-14.0	26,126	34,330	-23.9	17,255	18,164	-5.0	30,568	32,657	-6.4
Dispersion Resins	35,329	31,462	+12.3	65,674	62,743	+4.7	34,454	34,671	-0.6	66,915	67,211	-0.4
Total Exports	35,656	24,125	+47.8	66,476	53,258	+24.8						
Total Domestic	588,019	552,214	+6.5	1,139,843	1,133,050	+0.6						
Calendering, Total	57,890	58,531	-1.1	102,573	114,456	-10.4						
Flooring	12,806	15,079	-15.1	21,255	26,190	-18.8						
Textile	8,109	8,397	-3.4	13,353	12,904	+3.5						
All Other Calendering Uses	36,975	35,055	+5.5	67,965	75,362	-9.8						
Coating, Total	27,744	24,639	+12.6	53,346	48,778	+9.4						
Flooring	11,524	10,577	+9.0	22,568	20,452	+10.3						
Textile & Paper Coating	8,449	7,150	+18.2	16,257	14,783	+10.0						
Protective Coatings	4,071	3,927	+3.7	7,743	7,614	+1.7						
Adhesives & All Other Coating Uses	3,700	2,985	+24.0	6,778	5,929	+14.3						
Extrusion, Total	407,523	383,395	+6.3	808,777	780,473	+3.6						
Wire & Cable	33,440	37,550	-10.9	63,648	72,666	-12.4						
Film & Sheet, Packaging	20,962	18,114	+15.7	41,204	42,470	-3.0						
Film & Sheet, Non-Packaging	3,539	N/A		6,778	N/A							
Siding & Siding Accessories, & Mobile Home Skirts	47,841	37,021	+29.2	91,680	75,433	+21.5						
Rigid Pipe & Tubing (Except Fittings)	260,980	240,881	+8.3	521,298	494,614	+5.4						
All Other Extrusions	40,761	49,829	-18.2	84,169	95,290	-11.7						
Molding, Total	44,065	41,409	+6.4	73,316	88,927	-17.6						
Bottles	18,858	16,466	+14.5	27,029	32,208	-16.1						
Fittings (Rigid Pipe & Tubing)	10,058	11,541	-12.8	19,840	28,946	-31.5						
All Other Molding	15,149	13,402	+13.0	26,447	27,773	-4.8						
Paste Processes (Except Coating)	13,343	13,748	-2.9	24,625	28,433	-13.4						
Plastisol Formulation	6,984	6,492	+7.6	12,782	13,523	-5.5						
All Other	6,359	7,256	-12.4	11,843	14,910	-20.6						
Resellers & Compounders	25,495	20,870	+22.2	54,708	43,956	+24.5						
All Other Uses	11,959	9,622	+24.3	22,498	28,027	-19.7						

N/A = Comparable data not available.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SPI

CRS

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

February 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	February			YEAR-TO-DATE			February			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	56,133	54,351	+3.3	113,981R	113,554	+0.4	56,133	54,351	+3.3	113,981R	113,554	+0.4
Total Exports	595	412	+44.4	824	1,037	-20.5						
Total Domestic	55,538	53,939	+3.0	113,157R	112,517	+0.6						
Emulsion Paints	19,239	18,539	+3.8	39,943R	38,924	+2.6						
Adhesives, Caulks and Sealants	19,832	20,378	-2.7	40,634	41,507	-2.1						
Paper Treating & Paper Coating	9,136	8,253	+10.7	18,397	17,589	+4.6						
Textile Treating	2,472	2,715	-9.0	4,882	5,697	-14.3						
Non-Woven Binders	D(1)	D(1)		D(1)	D(1)							
All Other Uses .	4,859	4,054	+19.9	9,301	8,800	+5.7						
POLYVINYL ALCOHOL, TOTAL #	D(4)	D(4)		D(4)	D(4)		D(4)	D(4)		D(4)	D(4)	
Total Exports	D(4)	D(4)		D(4)	D(4)							
Total Domestic	D(4)	D(4)		D(4)	D(4)							
OTHER VINYL RESINS*, TOTAL	16,388	15,065	+8.8	31,874	29,260	+8.9	17,917	15,916	+12.6	34,531	33,313	+3.7
Total Exports	5,668	3,646	+55.5	10,463	6,812	+53.6						
Total Domestic	10,720	11,419	-6.1	21,411	22,448	-4.6						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	99,325	82,293	+20.7	190,395	166,027	+14.7	99,354	86,652	+14.7	197,208	172,475	+14.3
Total Exports	11,612	9,869	+17.7	22,171	21,173	+4.7						
Total Domestic	87,713	72,424	+21.1	168,224	144,854	+16.1						
PET Bottle Grades	65,617	50,790	+29.2	128,132	102,496	+25.0						
All Other Thermoplastic Polyester**	22,096	21,634	+2.1	40;092	42,358	-5.3						

** = Includes All Other PET and All Injection Molding Grades

# = Includes imputed data

(1) = Included in All Other Uses

(4) = The publishing of PVOH data has been temporarily suspended.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision

D = Disclosure

5/18/87 A8920-5

The Society of the
Plastics Industry, Inc.

SPI

MonthlyStatisticalReport-Resins

1275 K Street, N.W., #400
Washington, D.C 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

MARCH 1987

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

**SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY**

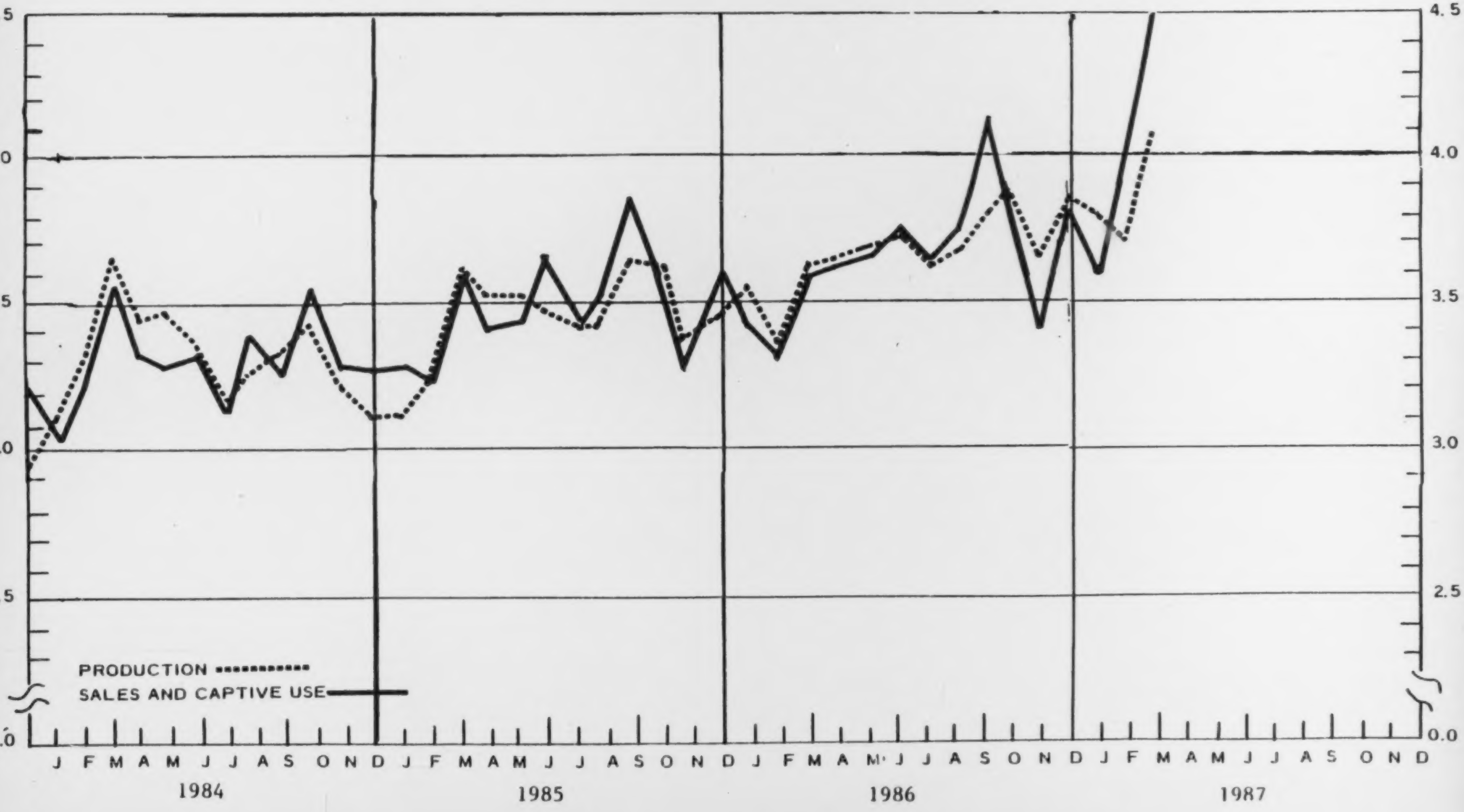
RELEASE DATE: MAY 15, 1987

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)



Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SPI CRS

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

MARCH 1987

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR TO DATE			MARCH			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
EPOXY RESINS, TOTAL	41,471	33,154	+25.1	101,366R	94,963	+ 6.7	36,546	32,645	+11.9	98,185R	91,437	+7.4
POLYESTER (UNSATURATED) RESINS, TOTAL	124,260	108,935	+14.1	326,334	309,952	+ 5.3	124,230	108,789	+14.2	329,667	307,848	+7.1
UREA RESINS, TOTAL	122,603	105,828	+15.9	329,212	298,818	+10.2	122,690	107,008	+14.7	337,077	300,839	+12.0
MELAMINE RESINS, TOTAL	18,228	15,429	+18.1	50,841	46,885	+ 8.4	18,374	16,720	+9.9	51,885	43,033	+20.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	238,568	227,110	+ 5.0	680,842	671,169	+ 1.4	234,465	225,799	+3.8	677,220	659,251	+2.7
THERMOSETTING RESINS, TOTAL	545,130	490,456	+11.1	1,488,595R	1,421,787	+ 4.7	536,305	490,961	+9.2	1,494,034R	1,402,408	+6.5
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	963,334	721,544	+33.5	2,445,308	2,060,823	+18.7	849,663	739,485	+14.9	2,375,028	2,252,783	+5.4
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	770,756	565,742	+36.2	1,960,400	1,581,229	+24.0	647,517	587,202	+10.3	1,877,031	1,690,794	+11.0
POLYPROPYLENE, TOTAL	571,872	467,260	+22.4	1,594,417	1,323,964	+20.4	521,509	487,032	+7.1	1,559,119	1,401,984	+11.2
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	100,615	92,108	+ 9.2	294,618	263,097	+12.0	99,348	95,620	+3.9	283,063	267,818	+5.7
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	10,790	7,149	+50.9	30,146	21,031	+43.3	12,133	7,033	+72.5	34,113	23,114	+47.6
POLYSTYRENE RESINS, TOTAL	457,821	368,661	+24.2	1,245,504	1,036,894	+20.1	415,663	344,138	+20.8	1,173,538	991,972	+18.3
STYRENE BASED LATEXES, TOTAL **	85,500	67,369	+26.9	236,736R	206,886	+14.4	74,162	65,915	+12.5	217,225R	193,310	+12.4
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	21,332	25,725	-17.1	63,428	68,401	- 7.3	20,527	22,309	-8.0	60,087	65,724	-8.6
NYLON RESINS, TOTAL	44,365	37,865	+17.2	123,010	113,500	+ 8.4	44,315	40,385	+9.7	127,069	115,509	+10.0
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	699,866	622,202	+12.5	1,906,185	1,808,510	+ 5.4	664,465	635,368	+4.6	1,877,728	1,761,238	+6.6
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	60,406	59,469	+ 1.6	174,387	173,023	+ 0.8	*60,406	*59,469	+1.6	*174,387	*173,023	+0.8
POLYVINYL ALCOHOL, TOTAL	D(4)	D(4)		D(4)	D(4)		D(4)	D(4)		D(4)	D(4)	
OTHER VINYL RESINS, TOTAL	17,422	15,660	+11.3	49,296	44,920	+ 9.7	18,974	15,562	+21.9	53,505	48,875	+9.5
THERMOPLASTIC POLYESTER, TOTAL	117,732	89,430	+31.6	308,127	255,457	+20.6	117,142	94,701	+23.7	314,350	267,176	+17.7
THERMOPLASTIC RESINS, TOTAL	3,921,811	3,140,184	+24.9	10,431,562R	8,957,735	+16.5	3,545,824	3,194,219	+11.0	10,126,243R	9,253,320	+9.4
GRAND TOTAL	4,466,941	3,630,640	+23.0	11,920,157R	10,379,522	+14.8	4,082,129	3,685,180	+10.8	11,620,277R	10,655,728	+9.1

(1) = Except phenolic resins which are reported on a gross weight basis

* = These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

(4) = The publishing of PVOH data is temporarily suspended until further notice.

** = Sales and Captive Use figures include some Canadian produced material.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R - Revision

D - Disclosure

SPI

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In millions of pounds, dry weight basis)(1)

1987

RESIN KIND					YEAR-TO-DATE				
	Production	Imports	Exports*	Apparent Consumption	Production	Imports	Exports*	Apparent Consumption	Import % of Apparent Consumption
EPOXY RESINS, TOTAL									
POLYESTER (UNSATURATED) RESINS, TOTAL									
UREA RESINS, TOTAL									
MELAMINE RESINS, TOTAL									
PHENOLIC & OTHER TAR ACID RESINS, TOTAL									
THERMOSETTING RESINS, TOTAL									
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL									
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL									
POLYPROPYLENE, TOTAL									
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL									
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL									
OTHER STYRENICS									
POLYSTYRENE, TOTAL									
NYLON RESINS, TOTAL									
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL									
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL									
POLYVINYL ALCOHOL, TOTAL									
OTHER VINYL RESINS, TOTAL									
THERMOPLASTIC POLYESTER, TOTAL									
THERMOPLASTIC RESINS, TOTAL									
GRAND TOTAL									

DUE TO A CHANGE IN THE GOVERNMENT RELEASE SCHEDULE DATES FOR THE IMPORT AND EXPORT DATA FOR 1987, THE APPARENT CONSUMPTION DATA IS NOT INCLUDED WITH THIS REPORT. THE MARCH 1987 APPARENT CONSUMPTION DATA WILL BE MAILED AS A SEPARATE REPORT WITH THE APRIL 1987 RESIN REPORT. THIS WILL CONTINUE FOR THE REMAINDER OF THE YEAR.

(1) = Except phenolic resins which are reported on a gross weight basis
D = Disclosure
R = Revision

(4) = The publishing of PVOH data is temporarily suspended.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

Sources: Production – SPI Monthly Statistical Report
Imports – Bureau of Census IM 146
Exports – Bureau of Census EM 546

* = Bureau of Census exports will differ from the SPI exports as published on pages 4 through 11 of this report.

	Import No. (1)	Export No. (2)
Epoxy	409.0200	444.5410/444.5420
Polyester, Unsaturated	409.1000	444.6000
Urea	445.3540	444.5220
Melamine	445.3520	444.5210
Phenolic	409.0600	444.5810/444.5820
Low Density Polyethylene	445.3010	444.1604/444.1606/444.1608
High Density Polyethylene	445.3020	444.1620
Polypropylene	445.5200	444.1700
ABS	408.7200	444.2010
SAN	408.8100	444.2020
Other Styrenics	408.7600/408.8450	444.2050
Polystyrene	408.8420	444.2030/444.2040
Nylon	408.6100	444.1210
PVC	445.4600	444.2310/444.2320
Vinyl Acetate	445.4400	444.2120
Polyvinyl Alcohol	445.4200	444.2110
Other Vinyls	445.4800	444.2330
Thermoplastic Polyester	408.6800	444.1500

(1) Tariff Schedules of the U.S. Annotated
(2) Schedule B

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING RESINS

(In thousands of pounds, dry weight basis)

MARCH 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
EPOXY RESINS, TOTAL	41,471	33,154	+25.1	101,366R	94,963	+ 6.7	36,546	32,645	+11.9	98,185R	91,437	+ 7.4
Total Exports	11,617	3,878	+199.6	19,357R	13,626	+42.1						
Captive Use, Total	1,158	1,090	+ 6.2	3,111R	3,279	- 5.1						
Domestic Sales, Total	28,696	28,186	+ 1.8	78,898R	78,058	+ 1.1						
Domestic Sales & Captive Use, Total	29,854	29,276	+ 2.0	82,009R	81,337	+ 0.8						
Bonding & Adhesives	2,073	1,957	+ 5.9	4,939R	5,241	- 5.8						
Flooring, Paving & Exposed Aggregate	2,002	1,813	+10.4	4,578R	4,396	+ 4.1						
Protective Coatings	15,264	14,901	+ 2.4	41,271R	40,650	+ 1.5						
Fiber Reinforced Laminates & Composites, Total	6,001	6,747	-11.1	18,335R	19,196	- 4.5						
FRL&C for Printed Wiring Board	4,422	4,803	- 7.9	13,309R	12,256	+ 8.6						
All Other FRL&C	1,579	1,944	-18.8	5,026R	6,940	-27.6						
Tooling, Casting & Molding Resins	1,865	1,780	+ 4.8	5,492R	5,752	- 4.5						
All Other Uses	2,649	2,078	+27.5	7,394	6,102	+21.2						
POLYESTER (UNSATURATED) RESINS, TOTAL	124,260	108,935	+14.1	326,334	309,952	+ 5.3	124,230	108,789	+14.2	329,667	307,848	+ 7.1
Total Exports	702	1,170	-40.0	1,652	2,850	-42.0						
Total Domestic	123,558	107,765	+14.7	324,682	307,102	+ 5.7						
General Purpose Resins, Total	108,318	93,867	+15.4	282,841	267,545	+ 5.7						
General Purpose - Thixotropic	48,632	40,481	+20.1	129,037	117,829	+ 9.5						
General Purpose - Press Molding	11,793	12,797	- 7.8	34,811	42,116	-17.3						
General Purpose - All Other	47,893	40,589	+18.0	118,993	107,600	+10.6						
Flame Retardant Resins	2,233	2,386	- 6.4	6,502	6,387	+ 1.8						
Chemical Resistant Resins	13,007	11,512	+13.0	35,339	33,170	+ 6.5						
Chemical Resistant Isophthalic Resins	10,291	9,271	+11.0	27,863	26,597	+ 4.8						
All Other Chemical Resistant Resins	2,716	2,241	+21.2	7,476	6,573	+13.7						
Reinforced Plastics, Total	95,882	83,386	+15.0	246,475	238,385	+ 3.4						
Non-Reinforced Plastics, Total	27,676	24,379	+13.5	78,207	68,717	+13.8						

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THERMOSETTING RESINS

RESIN KIND & USE	SALES & C		
	MARCH		
	1987	1986	% Change
UREA RESINS, TOTAL	122,603	105,828	+15.9
MELAMINE RESINS, TOTAL	18,228	15,429	+18.1
UREA & MELAMINE RESINS, TOTAL	140,831	121,257	+16.1
Total Exports	D	D	
Total Domestic*	140,831	121,257	+16.1
Textile Treating & Coating Resins	2,116	1,203	+75.9
Paper Treating & Coating Resins	8,544	9,609	-11.1
Molding Compounds	D	D	
Bonding & Adhesive Resins for:	111,257	94,187	+18.1
Laminating	4,597	3,450	+33.2
Plywood	6,360	5,489	+15.9
Fibrous & Granulated Wood (Particle Board)	100,300	85,248	+17.7
Protective Coatings (Straight & Modified)	10,072	8,807	+14.4
All Other Uses (Includes Molding Compounds, and Exports)	8,842	7,451	# +18.7
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	238,568	227,110	+5.0
Total Exports	1,623	1,291	+25.7
Total Domestic	236,945	225,819	+4.9
Molding Compounds	17,042	17,219	-1.0
Bonding & Adhesive Resins for:	212,673	204,940	+3.8
Laminating	17,059	15,075	+13.2
Coated & Bonded Abrasives	1,864	1,492	+24.9
Friction Materials	2,874	2,469	+16.4
Insulation Materials	31,512	33,501	-5.9
Foundry & Shell Molding	4,278	4,027	+6.2
Plywood	131,123	119,671	+9.6
Fibrous & Granulated Wood	19,617	20,756	-5.5
Resins Sold to Rubber Industry	1,555	2,545	-38.9
All Other	2,791	5,404	-48.4
Protective Coatings – Unmodified & Modified	2,385	2,022	+18.0
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D	
All Other Uses #	4,845	1,638	+195.8

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

# = Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

Compiled by ERNST & WHINNEY, Washingto

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ΤICAL REPORT
STICS INDUSTRY, INC.
, dry weight basis)(1) | MARCH 1987

TIVE USE			PRODUCTION					
YEAR-TO-DATE			MARCH			YEAR TO DATE		
1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
29,212	298,818	+10.2	122,690	107,008	+14.7	337,077	300,839	+12.0
50,841	46,885	+8.4	18,374	16,720	+9.9	51,885	43,033	+20.6
380,053	345,703	+9.9	141,064	123,728	+14.0	388,962	343,872	+13.1
D	D							
380,053	345,703	+9.9						
6,409	4,869	+31.6	2,329	2,302	+1.2	7,017	6,963	+0.8
23,317	24,513	-4.9	8,695	9,788	-11.2	23,688	24,611	-3.8
D	D		D	D		D	D	
295,478	265,904	+11.1	110,777	93,908	+18.0	295,195	264,328	+11.7
12,268	10,563	+16.1	4,286	3,374	+27.0	11,519	10,127	+13.7
16,151	14,201	+13.7	6,471	5,522	+17.2	16,297	14,250	+14.4
267,059	241,140	+10.7	100,020	85,012	+17.7	267,379	239,951	+11.4
28,716	27,002	+6.3	11,796	10,696	+10.3	40,296	25,720	+56.7
26,133	23,415	+11.6	7,467	7,034	+ 6.2	22,766	22,250	+ 2.3
680,842	671,169	+1.4	234,465	225,799	+3.8	677,220	659,251	+2.7
4,552	3,876	+17.4						
676,290	667,293	+1.3						
49,344	53,209	-7.3	18,689	18,880	-1.0	53,053	55,143	-3.8
606,886	604,145	+0.5	208,284	203,185	+2.5	603,534	593,678	+1.7
49,543	47,599	+4.1	13,306	12,324	+8.0	46,051	39,137	+17.7
4,815	4,515	+6.6	1,874	1,508	+24.3	4,840	4,546	+6.5
8,075	7,171	+12.6	2,702	2,362	+14.4	7,718	6,801	+13.5
93,190	99,947	-6.8	31,583	33,636	-6.1	93,595	96,620	-3.1
11,431	11,171	+2.3	4,178	4,102	+1.9	11,264	11,106	+1.4
369,236	345,186	+7.0	130,775	120,028	+9.0	369,851	345,849	+6.9
57,975	63,763	-9.1	19,581	20,729	-5.5	57,751	63,884	-9.6
4,111	7,457	-44.9	1,508	2,867	-47.4	4,068	8,165	-50.2
8,510	17,336	-50.9	2,777	5,629	-50.7	8,396	17,570	-52.2
6,449	5,423	+18.9	2,390	1,980	+20.7	6,428	5,321	+20.8
D	D		D	D		D	D	
13,611	4,516	+201.4	5,102	1,754	+190.9	14,205	5,109	+178.0

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MARCH 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	963,334	721,544	+33.5	2,445,308	2,060,823	+18.7	849,663	739,485	+14.9	2,375,028	2,252,783	+ 5.4
Total Exports	94,272	81,277	+16.0	259,357	224,095	+15.7						
Total Domestic	869,062	640,267	+35.7	2,185,951	1,836,728	+19.0						
Film (12 Mils & Below)	525,155	365,610	+43.6	1,317,945	1,083,527	+21.6						
Sheet (Over 12 Mils)	D	D		D	D							
Injection Molding	72,193	59,361	+21.6	174,627	149,821	+16.6						
Wire & Cable	33,663	27,885	+20.7	87,181	83,094	+ 4.9						
Extrusion Coating	77,517	61,145	+26.8	206,543	170,283	+21.3						
Blow Molding	3,858	2,908	+32.7	11,704	9,966	+17.4						
Pipe & Conduit, Total	653	2,552	-74.4	7,804	7,925	- 1.5						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	13,010	11,607	+12.1	33,248	28,957	+14.8						
Resellers & Compounders	64,711	42,759	+51.3	164,771	124,566	+32.3						
All Other Uses	78,302	66,440	+17.9	182,128	178,589	+ 2.0						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	770,756	565,742	+36.2	1,960,400	1,581,229	+24.0	647,517	587,202	+10.3	1,877,031	1,690,794	+11.0
Total Exports	85,913	71,858	+19.6	235,741	217,147	+ 8.6						
Total Domestic	684,843	493,884	+38.7	1,724,659	1,364,082	+26.4						
Film (12 Mils & Below)	53,589	42,155	+27.1	138,191	114,171	+21.0						
Sheet (Over 12 Mils)	23,920	12,424	+92.5	58,471	37,677	+55.2						
Injection Molding	179,546	120,566	+48.9	450,830	325,315	+38.6						
Wire & Cable	11,123	9,275	+19.9	31,453	29,681	+ 6.0						
Extrusion Coating	D	D		D	D							
Blow Molding	250,018	192,866	+29.6	666,815	556,762	+19.8						
Pipe & Conduit, Total	59,231	31,655	+87.1	130,044	94,242	+38.0						
Corrugated Pipe & Conduit	16,408	12,000	+36.7	36,663	27,503	+33.3						
Non-Corrugated Pipe & Conduit	42,823	19,655	+117.9	93,381	66,739	+39.9						
Other Extruded Products	4,399	4,046	+ 8.7	13,584	11,700	+16.1						
Resellers & Compounders	53,444	47,079	+13.5	130,322	115,659	+12.7						
All Other Uses	49,573	33,818	+46.6	104,949	78,875	+33.1						

(2) = Included in Other Extruded Products
(3) = Included in Film

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MARCH 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
POLYPROPYLENE, TOTAL	571,872	467,260	+22.4	1,594,417	1,323,964	+20.4	521,509	487,032	+ 7.1	1,559,119	1,401,984	+11.2
Total Exports	100,846	74,903	+34.6	313,282	233,057	+34.4						
Total Domestic	471,026	392,357	+20.1	1,281,135	1,090,907	+17.4						
Injection Molding	146,494	114,623	+27.8	379,399	324,936	+16.8						
Appliances	14,067	10,531	+33.6	37,585	31,367	+19.8						
Consumer Products	37,620	29,484	+27.6	89,947	81,040	+11.0						
Rigid Packaging	43,864	41,737	+ 5.1	117,978	111,020	+ 6.3						
Transportation	29,028	24,442	+18.8	81,195	76,892	+ 5.6						
All Other Injection Molding	21,915	8,429	+160.0	52,694	24,617	+114.1						
Blow Molding	10,096	7,729	+30.6	29,693	25,119	+18.2						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	42,874	35,485	+20.8	127,895	120,227	+ 6.4						
Sheet (Over 10 Mils)	7,629	3,329	+129.2	19,873	8,394	+136.8						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	150,716	126,112	+19.5	417,215	336,730	+23.9						
Textile Applications	141,191	117,612	+20.0	390,646	310,588	+25.8						
Non-Textile Monofilaments	9,525	8,500	+12.1	26,569	26,142	+ 1.6						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	13,086	6,342	+106.3	31,510	19,227	+63.9						
Resellers & Compounders	95,645	82,135	+16.4	262,187	225,340	+16.4						
All Other Uses	4,486	16,602	-73.0	13,363	30,934	-56.8						

# = Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MARCH 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
ACRYLONITRILE BUTADIENE-STYRENE (ABS) RESINS, TOTAL	100,615	92,108	+ 9.2	294,618	263,097	+12.0	99,348	95,620	+ 3.9	283,063	267,818	+ 5.7
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	10,790	7,149	+50.9	30,146	21,031	+43.3	12,133	7,033	+72.5	34,113	23,114	+47.6
Total Exports	3,009	593	+407.4	6,179	2,298	+168.9						
Total Domestic	7,781	6,556	+18.7	23,967	18,733	+27.9						
POLYSTYRENE RESINS, TOTAL	457,821	368,661	+24.2	1,245,504	1,036,894	+20.1	415,663	344,138	+20.8	1,173,538	991,972	+18.3
Straight Polystyrene	236,818	188,966	+25.3	661,231	536,725	+23.2	223,532	178,634	+25.1	625,705	529,917	+18.1
Rubber-Modified Polystyrene	221,003	179,695	+23.0	584,273	500,169	+16.8	192,131	165,504	+16.1	547,833	462,055	+18.6
Total Exports	12,635	12,302	+ 2.7	31,331	28,013	+11.8						
Straight Polystyrene	9,108	5,346	+70.4	20,726	13,794	+50.3						
Rubber-Modified Polystyrene	3,527	6,956	-49.3	10,605	14,219	-25.4						
Total Domestic	445,186	356,359	+24.9	1,214,173	1,008,881	+20.3						
Molding	168,574	128,967	+30.7	452,672	363,052	+24.7						
Extrusion	208,191	156,465	+33.1	551,433	452,460	+21.9						
Expandable Polystyrene Beads	39,772	39,436	+ 0.9	132,272	103,620	+27.7						
All Other Uses	26,649	31,491	- 9.0	77,796	89,749	-13.3						
Polystyrene End Uses, Total**	445,186	356,359	+24.9	1,214,173	1,008,881	+20.3						
Packaging	122,487	79,280	+54.5	319,520	244,358	+30.8						
Disposables	72,101	45,017	+60.2	194,936	127,896	+52.4						
Consumer and Institutional Products	73,711	43,424	+69.7	193,329	125,520	+54.0						
Electrical/Electronics	44,829	29,814	+50.4	121,378	90,590	+34.0						
Furniture, Furnishings, Building & Construction	24,806	16,101	+54.1	66,522	45,018	+52.2						
Expandable Polystyrene Beads	39,772	39,436	+ 0.9	132,272	103,620	+27.7						
Resellers and Compounders	37,259	50,945	-26.9	108,683	125,025	-13.1						
All Other End Uses	30,221	52,342	-42.3	75,533	146,854	-48.6						

** = Portions of the End Use Section are estimated.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MARCH 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
STYRENE BASED LATEXES, TOTAL	85,500	67,369	+26.9	236,736R	206,886	+14.4	74,162	65,915	-12.5	217,225R	193,310	+12.4
Paper Treating	4,248	3,843	+10.5	17,018	12,671	+34.3						
Textile Treating	755	1,718	-56.1	2,885R	5,069	-43.1						
Carpet Backing	35,407	19.851	+78.4	88,265R	70,121	+25.9						
All Other Uses (Including Exports & Paper Coating)	45,090	41,957	+7.5	128,568	119,025	+8.0						
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	21,332	25,725	-17.1	63,428	68,401	- 7.3	20,527	22,309	- 8.0	60,087	65,724	- 8.6
Total Export	D	D	D	D	D	D						
Total Domestic	D	D	D	D	D	D						
Molding & Extrusion	D	D	D	D	D	D						
Coatings	D	D	D	D	D	D						
NYLON RESINS, TOTAL	44,365	37,865	+17.2	123,010	113,500	+ 8.4	44,315	40,385	+ 9.7	127,069	115,509	+10.0
Total Exports	4,742	3,148	+50.6	12,417	8,505	+46.0						
Total Domestic	39,623	34,717	+14.1	110,593	104,995	+ 5.3						
Injection Molding Grade	25,322	23,772	+ 6.5	69,959	70,591	- 0.9						
Extrusion Grade	11,014	8,511	+29.4	31,539	27,426	+15.0						
Resellers and Compounders	2,111	1,660	+27.2	5,836	5,013	+16.4						
All Other Uses	1,176	774	+51.9	3,259	1,965	+65.9						

*** = Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure
R = Revision

Styrene Based Latexes sales includes some Canadian-produced material.

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MARCH 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	699,866	622,202	+12.5	1,906,185	1,808,510	+ 5.4	664,465	63[illegible]08	+ 4.6	1,877,728	1,761,238	+ 6.6
Homopolymer Resins Including Blending & Latex	643,500	567,718	+13.3	1,758,019	1,656,953	+ 6.1	615,153	587,593	+ 4.7	1,730,933	1,613,595	+ 7.3
Copolymer Resins Including Blending & Latex	14,896	18,492	-19.4	41,022	52,822	-22.3	15,422	17,285	-10.8	45,990	49,942	- 7.9
Dispersion Resins	41,470	35,992	+15.2	107,144	98,735	+ 8.5	33,890	30,490	+11.2	100,805	97,701	+ 3.2
Total Exports	34,780	27,699	+25.6	101,256	80,957	+25.1						
Total Domestic	665,086	594,503	+11.9	1,804,929	1,727,553	+ 4.5						
Calendering, Total	64,060	72,490	-11.6	166,633	186,946	-10.9						
Flooring	12,205	15,759	-22.6	33,460	41,949	-20.2						
Textile	10,275	6,793	+51.3	23,628	19,697	+20.0						
All Other Calendering Uses	41,580	49,938	-16.7	109,545	125,300	-12.6						
Coating, Total	33,453	27,712	+20.7	86,799	76,490	+13.5						
Flooring	14,537	11,379	+27.8	37,105	31,831	+16.6						
Textile & Paper Coating	10,520	8,703	+20.9	26,777	23,486	+14.0						
Protective Coatings	4,425	4,231	+ 4.6	12,168	11,845	+ 2.7						
Adhesives & All Other Coating Uses	3,971	3,399	+16.8	10,749	9,328	+15.2						
Extrusion, Total	461,765	406,604	+13.6	1,270,542	1,187,077	+ 7.0						
Wire & Cable	46,026	41,250	+11.6	109,674	113,916	- 3.7						
Film & Sheet, Packaging	24,058	20,801	+15.7	65,262	63,271	+ 3.1						
Film & Sheet, Non-Packaging	4,581	N/A		11,359	N/A							
Siding & Siding Accessories, & Mobile Home Skirts	52,070	51,690	+ 0.7	143,750	127,123	+13.1						
Rigid Pipe & Tubing (Except Fittings)	288,121	242,682	+18.7	809,419	737,296	+ 9.8						
All Other Extrusions	46,909	50,181	- 6.5	131,078	145,471	- 9.9						
Molding, Total	46,442	39,016	+19.0	119,758	127,943	- 6.4						
Bottles	17,683	15,190	+16.4	44,712	47,398	- 5.7						
Fittings (Rigid Pipe & Tubing)	12,619	11,962	+ 5.5	32,459	40,908	-20.7						
All Other Molding	16,140	11,864	+36.0	42,587	39,637	+ 7.4						
Paste Processes (Except Coating)	14,376	13,412	+ 7.2	39,001	41,845	- 6.8						
Plastisol Formulation	8,187	7,268	+12.6	20,969	20,791	+ 0.9						
All Other	6,189	6,144	+ 0.7	18,032	21,054	-14.4						
Resellers & Compounders	33,230	22,475	+47.9	87,938	66,431	+32.4						
All Other Uses	11,760	12,794	- 8.1	34,258	40,821	-16.1						

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R - Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MARCH 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	60,406	59,469	+ 1.6	174,387	173,023	+ 0.8	60,406	59,469	+ 1.6	174,387	173,023	+ 0.8
Total Exports	700	483	+44.9	1,524	1,520	+ 0.3						
Total Domestic	59,706	58,986	+ 1.2	172,863	171,503	+ 0.8						
Emulsion Paints	20,813	19,830	+ 5.0	60,756	58,754	+ 3.4						
Adhesives, Caulks and Sealants	21,064	22,093	- 4.7	61,698	63,600	- 3.0						
Paper Treating & Paper Coating	9,805	9,531	+ 2.9	28,202	27,120	+ 4.0						
Textile Treating	2,694	2,798	- 3.7	7,576	8,495	-10.8						
Non-Woven Binders	D	D		D	D							
All Other Uses	5,330	4,734	+12.6	14,631	13,534	+ 8.1						
POLYVINYL ALCOHOL, TOTAL #	D(4)	D(4)		D(4)	D(4)		D(4)	D(4)		D(4)	D(4)	
Total Exports	D(4)	D(4)		D(4)	D(4)							
Total Domestic	D(4)	D(4)		D(4)	D(4)							
OTHER VINYL RESINS*, TOTAL	17,422	15,660	+11.3	49,296	44,920	+ 9.7	18,974	15,562	+21.9	53,505	48,875	+ 9.5
Total Exports	4,898	5,479	-10.6	15,361	12,291	+25.0						
Total Domestic	12,524	10,181	+23.0	33,935	32,629	+ 4.0						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	117,732	89,430	+31.6	308,127	255,457	+20.6	117,142	94,701	+23.7	314,350	267,176	+17.7
Total Exports	16,305	11,859	+37.5	38,476	33,032	+16.5						
Total Domestic	101,427	77,571	+30.8	269,651	222,425	+21.2						
PET Bottle Grades	70,703	54,460	+29.8	198,835	156,956	+26.7						
All Other Thermoplastic Polyester**	30,724	23,111	+32.9	70,816	65,469	+ 8.2						

** = Includes All Other PET and All Injection Molding Grades

= Includes imputed data

(1) = Included in All Other Uses

(4) = The publishing of PVOH data has been temporarily suspended.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision
D = Disclosure

6/19/87 A8920-5

The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report - Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

MARCH 1987

APPARENT CONSUMPTION REPORT OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY

RELEASE DATE: June 11, 1987

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In millions of pounds, dry weight basis)(1)

MARCH 1987

RESIN KIND	MARCH				YEAR-TO-DATE				
	Production	Imports	Exports*	Apparent Consumption	Production	Imports	Exports*	Apparent Consumption	Import % of Apparent Consumption
EPOXY RESINS, TOTAL	37	1	9	29	98R	4	28	74	5
POLYESTER (UNSATURATED) RESINS, TOTAL	124	1	6	119	330	1	13	318	0
UREA RESINS, TOTAL	123	3	1	125	337	8	1	344	2
MELAMINE RESINS, TOTAL	18	0	1	17	52	2	3	51	4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	234	4	5	233	677	12	13	676	2
THERMOSETTING RESINS, TOTAL	536	9	22	523	1,494R	27	58	1,463	2
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	850	77	115	812	2,375	217	232	2,360	9
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	648	7	82	573	1,877	22	216	1,683	1
POLYPROPYLENE, TOTAL	522	1	130	393	1,559	4	357	1,206	0
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	99	6	12	93	283	17	35	265	6
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	12	0	3	9	34	1	7	28	4
OTHER STYRENICS	95	6	11	90	277	19	26	270	7
POLYSTYRENE, TOTAL	416	3	16	403	1,174	5	34	1,145	0
NYLON RESINS, TOTAL	44	5	8	41	127	13	20	120	11
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	664	14	35	643	1,878	40	103	1,815	2
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	60	3	5	58	174	8	11	171	5
POLYVINYL ALCOHOL, TOTAL	D(4)	-	-	-	D(4)	-	-	-	-
OTHER VINYL RESINS, TOTAL	19	2	5	16	54	6	12	48	13
THERMOPLASTIC POLYESTER, TOTAL	117	4	9	112	314	6	19	301	2
THERMOPLASTIC RESINS, TOTAL	3,546	128	431	3,243	10,126	358	1,072	9,412	4
GRAND TOTAL	4,082	137	453	3,766	11,620	385	1,130	10,875	4

(1) = Except phenolic resins which are reported on a gross weight basis
D = Disclosure
R = Revision

(4) = The publishing of PVOH data is temporarily suspended.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

Sources:
Production – SPI Monthly Statistical Report
Imports – Bureau of Census IM 146
Exports – Bureau of Census EM 546

* = Bureau of Census exports will differ from the SPI exports as published on pages 4 through 11 of this report.

	Import No. (1)	Export No. (2)
Epoxy	409.0200	444.5410/444.5420
Polyester, Unsaturated	409.1000	444.6000
Urea	445.3540	444.5220
Melamine	445.3520	444.5210
Phenolic	409.0600	444.5810/444.5820
Low Density Polyethylene	445.3010	444.1604/444.1606/444.1608
High Density Polyethylene	445.3020	444.1620
Polypropylene	445.5200	444.1700
ABS	408.7200	444.2010
SAN	408.8100	444.2020
Other Styrenics	408.7600/408.8450	444.2050
Polystyrene	408.8420	444.2030/444.2040
Nylon	408.6100	444.1210
PVC	445.4600	444.2310/444.2320
Vinyl Acetate	445.4400	444.2120
Polyvinyl Alcohol	445.4200	444.2110
Other Vinyls	445.4800	444.2330
Thermoplastic Polyester	408.6800	444.1500

(1) Tariff Schedules of the U.S. Annotated
(2) Schedule B

6/18/87 A8920-5

The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report - Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

APRIL 1987

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY

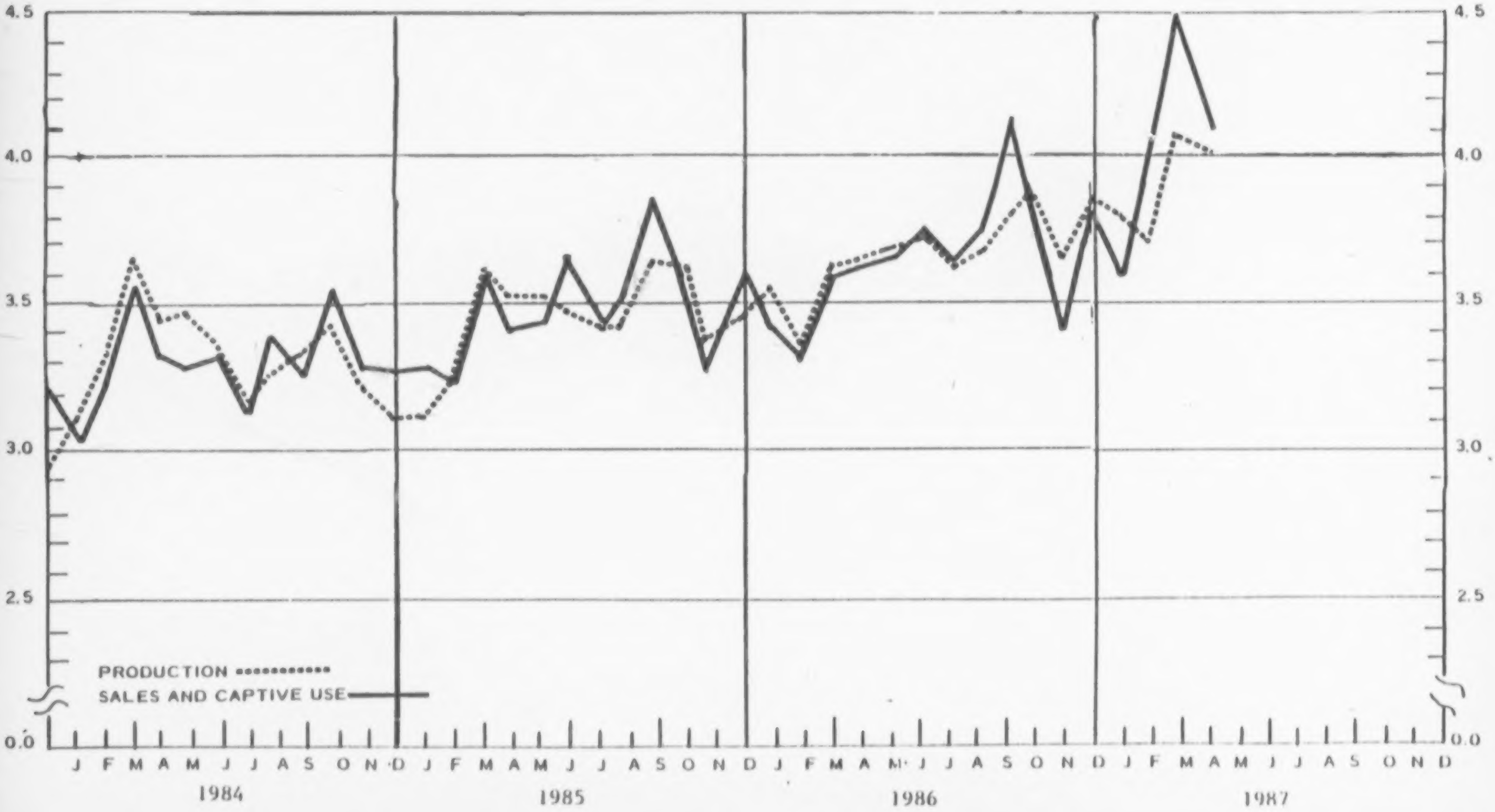
RELEASE DATE: June 11, 1987

SPI SECTION I CRS

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

APRIL 1987



Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

APRIL, 1987

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
EPOXY RESINS, TOTAL	32,917	33,089	-0.5	133,870R	128,052	+4.5	35,973	29,959	+20.1	135,144R	121,396	+11.3
POLYESTER (UNSATURATED) RESINS, TOTAL	118,320	113,657	+4.1	444,654	423,609	+5.0	109,864	115,023	-4.5	439,531	422,871	+3.9
UREA RESINS, TOTAL	117,650	108,609	+8.3	446,862	407,427	+9.7	117,445	109,065	+7.7	454,522	409,904	+10.9
MELAMINE RESINS, TOTAL	16,425	16,757	-2.0	67,266	63,642	+5.7	17,944	18,307	-2.0	69,829	61,340	+13.8
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	258,604	244,791	+5.6	939,446	915,960	+2.6	254,505	242,926	+4.8	931,725	902,177	+3.3
THERMOSETTING RESINS, TOTAL	543,916	516,903	+5.2	2,032,098R	1,938,690	+4.8	535,731	515,280	+4.0	2,030,751R	1,917,688	+5.9
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	794,099	687,537	+15.5	3,239,407	2,748,360	+17.9	813,150	695,620	+16.9	3,188,178	2,948,403	+8.1
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	693,653	568,710	+22.0	2,654,053	2,149,939	+23.4	598,271	601,851	-0.6	2,475,302	2,292,645	+8.0
POLYPROPYLENE, TOTAL	523,124	500,577	+4.5	2,117,541	1,824,541	+16.1	522,770	481,668	+8.5	2,081,889	1,883,652	+10.5
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	107,789	93,832	+14.9	402,407	356,929	+12.7	99,584	103,436	-3.7	382,647	371,254	+3.1
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	8,005	5,820	+37.5	38,151	26,851	+42.1	9,712	6,636	+46.4	43,825	29,750	+47.3
POLYSTYRENE RESINS, TOTAL	415,202	387,004	+7.3	1,660,706	1,423,898	+16.6	402,049	381,262	+5.5	1,575,587	1,373,234	+14.7
STYRENE BASED LATEXES, TOTAL **	86,049	71,122	+21.0	322,785	278,008	+16.1	77,208	69,001	+11.9	294,433	262,311	+12.2
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	26,550	24,833	+6.9	89,978	93,234	-3.5	22,984	16,875	+36.2	83,071	82,599	+0.6
NYLON RESINS, TOTAL	43,471	37,965	+14.5	166,481	151,465	+9.9	43,520	44,748	-2.7	170,589	160,257	+6.4
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	661,174	567,900	+16.4	2,567,359	2,376,410	+8.0	652,861	605,066	+7.9	2,530,589	2,366,304	+6.9
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	60,721	62,127	-2.3	236,867R	235,150	+0.7	* 60,721	* 62,127	-2.3	* 236,867R	* 235,150	+0.7
POLYVINYL ALCOHOL, TOTAL #	D (4)	D (4)		D (4)	D (4)		D (4)	D (4)		D (4)	D (4)	
OTHER VINYL RESINS, TOTAL	17,910	19,490	-8.1	67,206	64,410	+4.3	19,142	21,125	-9.4	72,647	70,000	+3.8
THERMOPLASTIC POLYESTER, TOTAL	103,079	98,353	+4.8	411,206	353,810	+16.2	111,290	94,126	+18.2	430,042R	361,302	+19.0
THERMOPLASTIC RESINS, TOTAL	3,540,826	3,125,270	+13.3	13,974,147R	12,083,005	+15.7	3,433,262	3,183,541	+7.8	13,565,666R	12,436,861	+9.1
GRAND TOTAL	4,084,742	3,642,173	+12.2	16,006,245R	14,021,695	+14.2	3,968,993	3,698,821	+7.3	15,596,417R	14,354,549	+8.7

(1) = Except phenolic resins which are reported on a gross weight basis

* = These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

# = Includes imputed data

(4) = The publishing of PVOH data is temporarily suspended.

** = Sales and Captive Use figures include some Canadian produced material.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R - Revision

D = Disclosure

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

APRIL, 1987

THERMOSETTING RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
EPOXY RESINS, TOTAL	32,917	33,089	-0.5	133,870R	128,052	+4.5	35,973	29,959	+20.1	135,144R	121,396	+11.3
Total Exports	3,215	5,017	-35.9	22,184R	18,643	+19.0						
Captive Use, Total	1,040	1,259	-17.4	4,151	4,538	-8.5						
Domestic Sales, Total	28,662	26,813	+6.9	107,535R	104,871	+2.5						
Domestic Sales & Captive Use, Total	29,702	28,072	+5.8	111,686R	109,409	+2.1						
Bonding & Adhesives	1,806	1,436	+25.8	6,955R	6,677	+4.2						
Flooring, Paving & Exposed Aggregate	1,765	1,718	+2.7	6,401R	6,114	+4.7						
Protective Coatings	14,841	13,420	+10.6	56,019R	54,070	+3.6						
Fiber Reinforced Laminates & Composites, Total	6,277	6,439	-2.5	24,510R	25,635	-4.4						
FRL&C for Printed Wiring Board	4,458	4,688	-4.9	17,805R	16,944	+5.1						
All Other FRL&C	1,819	1,751	+3.9	6,705R	8,691	-22.9						
Tooling, Casting & Molding Resins	2,304	2,241	+2.8	7,776R	7,993	-2.7						
All Other Uses	2,709	2,818	-3.9	10,025	8,920	+12.4						
POLYESTER (UNSATURATED) RESINS, TOTAL	118,320	113,657	+4.1	444,654	423,609	+5.0	109,864	115,023	- 4.5	439,531	422,871	+3.9
Total Exports	867	559	+55.1	2,519	3,409	-26.1						
Total Domestic	117,453	113,098	+3.9	442,135	420,200	+5.2						
General Purpose Resins, Total	103,205	96,109	+7.4	386,046	363,654	+6.2						
General Purpose – Thixotropic	46,458	42,958	+8.1	175,495	160,787	+9.1						
General Purpose – Press Molding	12,119	11,142	+8.8	46,930	53,258	-11.9						
General Purpose – All Other	44,628	42,009	+6.2	163,621	149,609	+9.4						
Flame Retardant Resins	2,094	2,182	-4.0	8,596	8,569	+0.3						
Chemical Resistant Resins	12,154	14,807	-17.9	47,493	47,977	-1.0						
Chemical Resistant Isophthalic Resins	9,566	12,156	-21.3	37,429	38,753	-3.4						
All Other Chemical Resistant Resins	2,588	2,651	-2.4	10,064	9,224	+9.1						
Reinforced Plastics, Total	90,425	84,516	+7.0	336,900	322,901	+4.3						
Non-Reinforced Plastics, Total	27,028	28,582	-5.4	105,235	97,299	+8.2						

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R = Revision

SPI

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)(1)

THERMOSETTING RESINS

APRIL, 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987.	1986	% Change
UREA RESINS, TOTAL	117,650	108,609	+8.3	446,862	407,427	+9.7	117,445	109,065	+7.7	454,522	409,904	+10.9
MELAMINE RESINS, TOTAL	16,425	16,757	-2.0	67,266	63,642	+5.7	17,944	18,307	-2.0	69,829	61,340	+13.8
UREA & MELAMINE RESINS, TOTAL	134,075	125,366	+6.9	514,128	471,069	+9.1	135,389	127,372	+6.3	524,351	471,244	+11.3
Total Exports	D	D		D	D							
Total Domestic*	134,075	125,366	+6.9	514,128	471,069	+9.1						
Textile Treating & Coating Resins	2,133	1,426	+49.6	8,542	6,295	+35.7	2,689	2,032	+32.3	9,706	8,995	+7.9
Paper Treating & Coating Resins	7,517	8,549	-12.1	30,834	33,062	-6.7	7,665	8,452	-9.3	31,353	33,063	-5.2
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	104,991	96,846	+8.4	400,469	362,750	+10.4	104,638	96,584	+8.3	399,833	360,912	+10.8
Laminating	4,444	3,768	+17.9	16,712	14,331	+16.6	4,288	3,621	+18.4	15,807	13,748	+15.0
Plywood	5,583	5,067	+10.2	21,734	19,268	+12.8	5,577	5,158	+8.1	21,874	19,408	+12.7
Fibrous & Granulated Wood (Particle Board)	94,964	88,011	+7.9	362,023	329,151	+10.0	94,773	87,805	+7.9	362,152	327,756	+10.5
Protective Coatings (Straight & Modified)	8,763	8,678	+1.0	37,479	35,680	+5.0	10,998	12,149	-9.5	51,294	37,869	+35.5
All Other Uses (Includes Molding Compounds, and Exports)	10,671	9,867	+8.1	36,804	33,282	+10.6	9,399	8,155	+15.3	24,698	30,405	-18.8
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	258,604	244,791	+5.6	939,446	915,960	+2.6	254,505	242,926	+4.8	931,725	902,177	+3.3
Total Exports	1,873	894	+109.5	6,425	4,770	+34.7						
Total Domestic	256,731	243,897	+5.3	933,021	911,190	+2.4						
Molding Compounds	18,568	17,372	+6.9	67,912	70,581	-3.8	19,776	19,166	+3.2	72,829	74,309	-2.0
Bonding & Adhesive Resins for:	230,442	222,914	+3.4	837,328	827,059	+1.2	226,828	220,212	+3.0	830,362	813,890	+2.0
Laminating	16,988	15,744	+7.9	66,531	63,343	+5.0	13,282	12,602	+5.4	59,333	51,739	+14.7
Coated & Bonded Abrasives	1,443	1,785	-19.2	6,258	6,300	-0.7	1,452	1,774	-18.2	6,292	6,320	-0.4
Friction Materials	2,813	2,820	-0.2	10,888	9,991	+9.0	2,412	2,940	-18.0	10,130	9,741	+4.0
Insulation Materials	36,964	33,607	+10.0	130,154	133,554	-2.5	36,980	33,865	+9.2	130,575	130,485	+0.0
Foundry & Shell Molding	4,514	3,971	+13.7	15,945	15,142	+5.3	4,475	3,949	+13.3	15,739	15,055	+4.5
Plywood	140,434	132,523	+6.0	509,670	477,709	+6.7	140,697	132,201	+6.4	510,548	478,050	+6.8
Fibrous & Granulated Wood	23,003	23,671	-2.8	80,978	87,434	-7.4	22,802	23,613	-3.4	80,553	87,497	-7.9
Resins Sold to Rubber Industry	1,457	2,522	-42.2	5,568	9,979	-44.2	1,871	2,976	-37.1	5,939	11,141	-46.7
All Other	2,826	6,271	-54.9	11,336	23,607	-52.0	2,857	6,292	-54.6	11,253	23,862	-52.8
Protective Coatings – Unmodified & Modified	1,909	1,892	+0.9	8,358	7,315	+14.3	1,981	1,905	+4.0	8,409	7,226	+16.4
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	5,812	1,719	+238.1	19,423	6,235	+211.5	5,920	1,643	+260.3	20,125	6,752	+198.1

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

# = Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

April 1987

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	April			YEAR-TO-DATE			April			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	794,099	687,537	+15.5	3,239,407	2,748,360	+17.9	813,150	695,620	+16.9	3,188,178	2,948,403	+8.1
Total Exports	84,947	76,477	+11.1	344,304	300,572	+14.5						
Total Domestic	709,152	611,060	+16.1	2,895,103	2,447,788	+18.3						
Film (12 Mils & Below)	436,206	348,810	+25.1	1,754,151	1,432,337	+22.5						
Sheet (Over 12 Mils)	D	D		D	D							
Injection Molding	55,982	42,900	+30.5	230,609	192,721	+19.7						
Wire & Cable	35,222	29,514	+19.3	122,403	112,608	+8.7						
Extrusion Coating	70,256	57,645	+21.9	276,799	227,928	+21.4						
Blow Molding	3,974	3,975	-0.0	15,678	13,941	+12.5						
Pipe & Conduit, Total	1.139	2,929	-61.1	8,943	10,854	-17.6						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	10,104	9,960	+1.4	43,352	38,917	+11.4						
Resellers & Compounders	39,630	61,360	+35.4	204,401	185,926	+9.9						
All Other Uses	56,639	53,967	+5.0	238,767	232,556	+2.7						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	693,653	568,710	+22.0	2,654,053	2,149,939	+23.4	598,271	601,851	-0.6	2,475,302	2,292,645	+8.0
Total Exports	75,879	63,799	+18.9	311,620	280,946	+10.9						
Total Domestic	617,774	504,911	+22.4	2,342,433	1,868,993	+25.3						
Film (12 Mils & Below)	50,933	34,955	+45.7	189,124	149,126	+26.8						
Sheet (Over 12 Mils)	17,637	13,863	+27.2	76,108	51,540	+47.7						
Injection Molding	138,634	130,561	+6.2	589,464	455,876	+29.3						
Wire & Cable	11,464	11,179	+2.5	42,917	40,860	+5.0						
Extrusion Coating	D	D		D	D							
Blow Molding	248,875	196,165	+26.9	915,690	752,927	+21.6						
Pipe & Conduit, Total	56,908	36,835	+54.5	186,952	131,077	+42.6						
Corrugated Pipe & Conduit	16,509	17,964	-8.1	53,172	45,467	+16.9						
Non-Corrugated Pipe & Conduit	40,399	18,871	+114.1	133,780	85,610	+56.3						
Other Extruded Products	4,633	3,743	+23.8	18,217	15,443	+18.0						
Resellers & Compounders	59,290	49,185	+20.5	189,612	164,844	+15.0						
All Other Uses	29,400	28,425	+3.4	134,349	107,300	+25.2						

(2) = Included in Other Extruded Products
(3) = Included in Film

D = Disclosure

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

April 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	April			YEAR-TO-DATE			April			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
POLYPROPYLENE, TOTAL	523,124	500,577	+4.5	2,117,541	1,824,541	+16.1	522,770	481,668	+8.5	2,081,889	1,883,652	+10.5
Total Exports	99,470	97,368	+2.2	412,752	330,625	+24.9						
Total Domestic	423,654	403,209	+5.1	1,704,789	1,494,116	+14.1						
Injection Molding	133,439	115,651	+15.4	512,838	440,587	+16.4						
Appliances	13,181	12,138	+8.6	50,766	43,505	+16.7						
Consumer Products	38,792	30,347	+27.8	128,739	111,387	+15.6						
Rigid Packaging	41,005	40,682	+0.8	158,983	151,702	+4.8						
Transportation	25,138	24,384	+3.1	106,333	101,276	+5.0						
All Other Injection Molding	15,323	8,100	+89.2	68,017	32,717	+107.9						
Blow Molding	8,702	10,112	-13.9	38,395	35,231	+9.0						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	43,107	47,263	-8.8	171,002	167,490	+2.1						
Sheet (Over 10 Mils)	6,233	2,283	+173.0	26,106	10,677	+144.5						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	134,579	122,409	+9.9	551,794	459,139	+20.2						
Textile Applications	129,706	111,748	+16.1	520,352	422,336	+23.2						
Non-Textile Monofilaments	4,873	10,661	-54.3	31,442	36,803	-14.6						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	6,293	8,696	-27.6	37,803	27,923	+35.4						
Resellers & Compounders	87,275	81,324	+7.3	349,462	306,664	+14.0						
All Other Uses	4,026	15,471	-74.0	17,389	46,405	-62.5						

= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

April 1987

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	April			YEAR-TO-DATE			April			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	107,789	93,832	+14.9	402,407	356,929	+12.7	99,584	103,436	-3.7	382,647	371,254	+3.1
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	8,005	5,820	+37.5	38,151	26,851	+42.1	9,712	6,636	+46.4	43,825	29,750	+47.3
Total Exports	1,344	534	+151.7	7,523	2,832	+165.6						
Total Domestic	6,661	5,286	+26.0	30,628	24,019	+27.5						
POLYSTYRENE RESINS, TOTAL	415,202	387,004	+7.3	1,660,706	1,423,898	+16.6	402,049	381,262	+5.5	1,575,587	1,373,234	+14.7
Straight Polystyrene	219,386	197,998	+10.8	880,617	734,723	+19.9	210,135	196,854	+6.7	835,840	726,771	+15.0
Rubber-Modified Polystyrene	195,816	189,006	+3.6	780,089	689,175	+13.2	191,914	184,408	+4.1	739,747	646,463	+14.4
Total Exports	9,013	8,664	+4.0	40,344	36,677	+10.0						
Straight Polystyrene	7,335	5,983	+22.6	28,061	19,777	+41.9						
Rubber-Modified Polystyrene	1,678	2,681	-37.4	12,283	16,900	-27.3						
Total Domestic	406,189	378,340	+7.4	1,620,362	1,387,221	+16.8						
Molding	160,374	137,475	+16.7	613,046	500,527	+22.5						
Extrusion	182,372	166,353	+9.6	733,805	618,813	+18.6						
Expandable Polystyrene Beads	42,205	42,521	-0.7	174,477	146,141	+19.4						
All Other Uses	21,238	31,991	-33.6	99,034	121,740	-18.7						
Polystyrene End Uses, Total**	406,189	378,340	+7.4	1,620,362	1,387,221	+16.8						
Packaging	109,985	82,872	+32.7	429,505	327,230	+31.3						
Disposables	62,264	49,986	+24.6	257,200	177,882	+44.6						
Consumer and Institutional Products	67,410	50,465	+33.6	260,739	175,985	+48.2						
Electrical/Electronics	40,527	31,564	+28.4	161,905	122,154	+32.5						
Furniture, Furnishings, Building & Construction	23,726	20,496	+15.8	92,248	65,514	+40.8						
Expandable Polystyrene Beads	42,205	42,521	-0.7	174,477	146,141	+19.4						
Resellers and Compounders	37,427	44,796	+16.5	146,110	169,821	-14.0						
All Other End Uses	22,645	55,640	-59.3	98,178	202,494	-51.5						

** = Portions of the End Use Section are estimated.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

APRIL, 1987

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
STYRENE BASED LATEXES, TOTAL	86,049	71,122	+21.0	322,785	278,008	+16.1	77,208	69,001	+11.9	294,433	262,311	+12.2
Paper Treating	2,848	4,148	-31.3	19,866	16,819	+18.1						
Textile Treating	867	1,643	-47.2	3,752	6,712	-44.1						
Carpet Backing	36,666	26,784	+36.9	124,931	96,905	+28.9						
All Other Uses (Including Exports & Paper Coating)	45,668	38,547	+18.5	174,236	157,572	+10.6						
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	26,550	24,833	+6.9	89,978	93,234	-3.5	22,984	16,875	+36.2	83,071	82,599	+0.6
Total Export	D	D		D	D							
Total Domestic	D	D		D	D							
Molding & Extrusion	D	D		D	D							
Coatings	D	D		D	D							
NYLON RESINS, TOTAL	43,471	37,965	+14.5	166,481	151,465	+9.9	43,520	44,748	-2.7	170,589	160,257	+6.4
Total Exports	5,046	3,066	+64.6	17,463	11,571	+50.9						
Total Domestic	38,425	34,899	+10.1	149,018	139,894	+6.5						
Injection Molding Grade	23,632	23,909	-1.2	93,591	94,500	-1.0						
Extrusion Grade	10,044	9,511	+5.6	41,583	36,937	+12.6						
Resellers and Compounders	3,341	930	+259.2	9,177	5,943	+54.4						
All Other Uses	1,408	549	+156.5	4,667	2,514	+85.6						

*** = Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure

Styrene Based Latexes sales includes some Canadian-produced material.

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

APRIL 1987

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	661,174	567,900	+16.4	2,567,359	2,376,410	+ 8.0	652,861	605,066	+ 7.9	2,530,589	2,366,304	+ 6.9
Homopolymer Resins Including Blending & Latex	606,470	515,402	+17.7	2,364,489	2,172,355	+ 8.8	600,464	554,461	+ 8.3	2,331,397	2,168,056	+ 7.5
Copolymer Resins Including Blending & Latex	15,281	18,068	-15.4	56,303	70,890	-20.6	15,083	16,669	- 9.5	61,073	66,611	- 8.3
Dispersion Resins	39,423	34,430	+14.5	146,567	133,165	+10.1	37,314	33,936	+10.0	138,119	131,637	+ 4.9
Total Exports	33,726	27,886	+20.9	134,982	108,843	+24.0						
Total Domestic	627,448	540,014	+16.2	2,432,377	2,267,567	+ 7.3						
Calendering, Total	61,688	56,020	+10.1	228,321	242,966	- 6.0						
Flooring	12,156	15,301	-20.6	45,616	57,250	-20.3						
Textile	10,356	4,752	+117.9	33,984	24,449	+39.0						
All Other Calendering Uses	39,176	35,967	+ 8.9	148,721	161,267	- 7.8						
Coating, Total	31,580	27,107	+16.5	118,379	103,597	+14.3						
Flooring	14,601	11,506	+26.9	51,706	43,337	+19.3						
Textile & Paper Coating	8,574	8,332	+ 2.9	35,351	31,818	+11.1						
Protective Coatings	4,481	4,303	+ 4.1	16,649	16,148	+ 3.1						
Adhesives & All Other Coating Uses	3,924	2,966	+32.3	14,673	12,294	+19.4						
Extrusion, Total	439,957	368,541	+19.4	1,710,499	1,555,618	+10.0						
Wire & Cable	37,286	35,482	+ 5.1	146,960	149,398	- 1.6						
Film & Sheet, Packaging	20,377	21,270	- 4.2	85,639	84,541	+ 1.3						
Film & Sheet, Non-Packaging	4,234	N/A		15,593	N/A							
Siding & Siding Accessories, & Mobile Home Skirts	51,720	43,177	+19.8	195,470	170,300	+14.8						
Rigid Pipe & Tubing (Except Fittings)	282,530	222,072	+27.2	1,091,949	959,368	+13.8						
All Other Extrusions	43,810	46,540	- 5.9	174,888	192,011	- 8.9						
Molding, Total	41,416	42,080	- 1.6	161,174	170,023	- 5.2						
Bottles	13,967	17,111	-18.4	58,679	64,509	- 9.0						
Fittings (Rigid Pipe & Tubing)	10,965	9,867	+11.1	43,424	50,775	-14.5						
All Other Molding	16,484	15,102	+ 9.2	59,071	54,739	+ 7.9						
Paste Processes (Except Coating)	14,503	13,477	+ 7.6	53,504	55,322	- 3.3						
Plastisol Formulation	7,368	7,140	+ 3.2	28,337	27,931	+ 1.5						
All Other	7,135	6,337	+12.6	25,167	27,391	- 8.1						
Resellers & Compounders	25,538	20,315	+25.7	113,476	86,746	+30.8						
All Other Uses	12,766	12,474	+ 2.3	47,024	53,295	-11.8						

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

APRIL, 1987

THERMOPLASTIC RESINS

	SALES & CAPTIVE USE						PRODUCTION					
	APRIL			YEAR-TO-DATE			APRIL			YEAR-TO-DATE		
RESIN KIND & USE	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	60,721	62,127	-2.3	236,867R	235,150	+0.7	60,721	62,127	-2.3	236,867	235,150	+0.7
Total Exports	852	607	+40.4	2,376	2,127	+11.7						
Total Domestic	59,869	61,520	-2.7	234,491R	233,023	+0.6						
Emulsion Paints	20,324	21,566	-5.8	81,080	80,320	+0.9						
Adhesives, Caulks and Sealants	22,335	22,236	+0.4	85,793R	85,836	-0.0						
Paper Treating & Paper Coating	9,058	9,700	-6.6	37,260	36,820	+1.2						
Textile Treating	2,665	3,090	+13.8	10,241	11,585	-11.6						
Non-Woven Binders	D	D		D	D							
All Other Uses	5,487	4,928	+11.3	20,117	18,462	+9.0						
POLYVINYL ALCOHOL, TOTAL #	D(4)	D(4)		D(4)	D(4)		D(4)	D(4)		D(4)	D(4)	
Total Exports	D(4)	D(4)		D(4)	D(4)							
Total Domestic	D(4)	D(4)		D(4)	D(4)							
OTHER VINYL RESINS*, TOTAL	17,910	19,490	-8.1	67,206	64,410	+4.3	19,142	21,125	-9.4	72,647	70,000	+3.8
Total Exports	5,928	5,108	+16.1	21,289	17,399	+22.4						
Total Domestic	11,982	14,382	-16.7	45,917	47,011	-2.3						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	103,079	98,353	+4.8	411,206	353,810	+16.2	111,290	94,126	+18.2	430,042R	361,302	+19.0
Total Exports	13,500	13,694	-1.4	51,976	46,726	+11.2						
Total Domestic	89,579	84,659	+5.8	359,230	307,084	+17.0						
PET Bottle Grades	65,467	59,505	+10.0	259,863R	216,461	+20.1						
All Other Thermoplastic Polyester**	24,112	25,154	-4.1	99,367R	90,623	+9.6						

** = Includes All Other PET and All Injection Molding Grades
# = Includes imputed data

(1) = Included in All Other Uses

(4) = The publishing of PVOH data has been temporarily suspended.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision
D = Disclosure

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS	
EPOXY (UNMODIFIED) RESINS	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
HIGH-DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS)	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BUTADIENE LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENE BASED LATEXES - over 50% styrene including styrene butadiene latexes not carboxylated	OTHER SBL
OTHER STYRENE BASED POLYMERS - over 40% styrene and used in molding and extrusion processes	OTHER SBP
NYLON RESINS	NYLON
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAc
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS	
CATEGORY	CODE
Production	P
Domestic Sales	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL USBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ADVANCE COATING CO.		PD																	
A & E PLASTICS											PDE								
AIR PRODUCTS & CHEMICALS															PDE	DE	PDE		
ALLIED CHEMICAL CO.							PDE							PDE					PD
ALLIED BENDIX					PD														
ALPHA CHEMICAL CORPORATION		PDE																	
AMERICAN CYANAMID COMPANY			PDE	PDE															
AMERICAN HOECHST CORP. - PLASTICS DIVISION							PDE												
AMERICAN HOECHST CORP. SOU-TEX DIVISION				PD	PD														
AMETEK, HAVEG DIVISION					PD														
AMOCO CHEMICAL CORPORATION							PDE	PDE			PDE								
ANDERSON DEVELOPMENT CO.													PD						
ARCO CHEMICAL											PDE		PDE						
ARISTECH CHEMICAL CO.		PDE						PDE											
ASHLAND CHEMICAL COMPANY		PDE			PD														
ASOMA POLYMERS, INC.											PD								
ATOCHEM, INC.														PDE					
AZS CORPORATION		PD																	
BASF CORPORATION											PDE			PDE					

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	URFA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL OSBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
BELDING CHEMICAL INDUSTRIES														PD					
BORDEN-CHEMICAL COMPANY			PD	PD	PDE										PDE	D			
BORG WARNER CHEMICALS, INC.									PDE	PD									
CELANESE CHEMICAL COMPANY																D			
CELANESE ENGINEERING RESINS														PDE					PDE
CERTAIN-TEED PRODUCTS CORP.															PD				
CHEMBOND CORPORATION			PD	PD	PDE														
CHEVRON CHEMICAL OLEFINS						PDE	PDE				PDE								
CIBA-GEIGY CORP.	PDE																		
COOK PAINT & VARNISH		PD																	
CUSTOM RESINS, INC.														PD					
DAN RIVER, INC.			PD																
DART POLYMERS											PD								
DIVERSITECH GENERAL												PDE							
DOW CHEMICAL U.S.A.	PDE	PDE				PDE	PDE		PDE	PDE	PDE	PDE	PDE					PDE	
E.I. DUPONT DE NEMOURS AND COMPANY						PDE	PDE						PDE	PDE			PDE	PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE		PDE											PDE
EL PASO PRODUCTS CO.						PDE		PDE											

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL OSBL	OTHER SBR	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
EMSER INDUSTRIES														PD					
EXXON CHEMICAL AMERICAS						PDE	PDE	PDE											
FINA OIL & CHEMICAL								PDE			PDE								
FIRESTONE SYNTHETIC RUBBER & LATEX													PD						
FORMICA CORPORATION				PDE	D														
FORMOSA PLASTICS CORPORATION															PD				
FREEMAN CHEMICAL CORPORATION		PD																	
H. B. FULLER																D			
GENERAL ELECTRIC COMPANY										PD									PDE
GEORGIA-GULF															PDE				
GEORGIA-PACIFIC CORPORATION			PD		PD														
GLIDDEN COATINGS AND RESINS DIV OF SCM		PD																	
B. F. GOODRICH CHEMICAL CO.										PDE					PDE				
GOODYEAR CHEMICAL DIVISION												PD	PDE		PDE				PDE
DEWEY & ALMY DIVISION W. R. GRACE & COMPANY									PD			PD				D		PDE	
GRIFFTEX CHEMICALS			PD	PD															
HARBORCHEM, INC.			PD	PD															
HIMONT USA, INC.							PDE	PDE											
HOECHST FIBERS INDUSTRIES																			PDE

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

	RESIN CATEGORY																		
COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL OSBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
HUNTSMAN CHEMICAL CORP.											PDE								
ICI AMERICAS		PDE																	PDE
INMONT CORPORATION		PDE			PD														
INTERPLASTICS CORPORATION		PD																	
INTEREZ, INC.	PDE		PD	PD															
IRONSIDES CO.					PD														
KEYSOR-CENTURY CORPORATION															PD				
KOPPERS COMPANY		PD			PDE														
MOBIL CHEMICAL COMPANY						PDE	PDE				PDE								
MONSANTO COMPANY			PDE	PDE					PDE	PDE			PDE	PDE		DE		PDE	
MORTON INDUSTRIES												PD						PDE	
NATIONAL STARCH & CHEMICALS CORP.																D			
NYLON CORP. OF AMERICA														PD					
OCCIDENTAL CHEMICAL CORP.					PDE										PDE				
OWENS-CORNING FIBERGLASS		PDE			PD														
PERKINS INDUSTRIES, INC.			PD		PD														
PERSTORP COMPOUNDS INC.			PDE	PDE															
PHILLIPS CHEMICAL COMPANY							PDE	PD					PDE						

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL OSBL	OTHER SRP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
PLASLOK CORPORATION					PD														
PLASTICS ENGINEERING COMPANY					PDE														
POLYREZ COMPANY, INC.					PDE														
POLYSAR, INC.											PDE								
POLYSAR LATEX												PD							
RAYMARK INDUSTRIES					PD														
REICHHOLD CHEMICALS, INC.	PDE	PDE	PDE	PDE	PDE							PD				DE			
ROGERS CORPORATION					PDE														
ROHM AND HAAS COMPANY													PDE			D		PDE	
SHAKESPEARE COMPANY														PD					
SHELL CHEMICAL COMPANY	PDE							PDE											
SHINTECH, INC.															PDE				
SILMAR DIV. OF SOHIO CHEM. CO.		PDE																	
SOLTEX						PDE	PDE	PDE											
STERLING ENGINEERED PRODUCTS		PDE	PDE	PDE	PDE														
TEXSTYRENE PLASTICS											PD								
UNION CARBIDE CORPORATION	PDE				PDE	PDE	PDE									DE			
UNION CHEMICAL												PD				D		PD	

SPI

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL OSBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
U.S.I. CHEMICALS CO.						PDE	PDE	PDE								D			
VALCHEM DIV. OF UNITED MERCHANTS INC.			PD																
VALITE DIVISION OF VALENTINE SUGARS, INC.					PD														
VISTA CHEMICAL CO.															PDE				
WELLMAN, INC.														PDE					
TOTALS	6	17	14	12	23	10	13	11	4	5	13	8	9	12	11	12	2	7	8

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The Society of the
Plastics Industry, Inc.

Monthly Statistical Report - Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

APRIL 1987

APPARENT CONSUMPTION REPORT OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY

RELEASE DATE: July 15, 1987

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In millions of pounds, dry weight basis)(1)

APRIL 1987

RESIN KIND	APRIL Production	APRIL Imports	APRIL Exports*	APRIL Apparent Consumption	YEAR-TO-DATE Production	YEAR-TO-DATE Imports	YEAR-TO-DATE Exports*	YEAR-TO-DATE Apparent Consumption	YEAR-TO-DATE Import % of Apparent Consumption
EPOXY RESINS, TOTAL	36	2	10	28	135R	6	38	103	6
POLYESTER (UNSATURATED) RESINS, TOTAL	110	1	8	103	440	1	21	420	0
UREA RESINS, TOTAL	117	3	1	119	454	11	3	462	2
MELAMINE RESINS, TOTAL	18	0	1	17	70	3	4	69	4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	255	4	5	254	932	16	19	929	2
THERMOSETTING RESINS, TOTAL	536	10	25	521	2,031R	37	85	1,983	2
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	813	62	88	787	3,188	280	320	3,148	9
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	598	6	88	516	2,475	27	304	2,198	1
POLYPROPYLENE, TOTAL	523	1	118	406	2,082	5	474	1,613	0
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	100	7	12	95	383	24	47	360	7
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	10	1	2	9	44	1	9	36	3
OTHER STYRENICS	100	5	9	94	377	24	35	366	7
POLYSTYRENE, TOTAL	402	3	16	389	1,576	8	50	1,534	1
NYLON RESINS, TOTAL	44	3	9	38	171	16	29	158	10
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	653	13	38	628	2,531	54	141	2,444	2
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	60	3	3	60	236R	10	14	232	4
POLYVINYL ALCOHOL, TOTAL	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)
OTHER VINYL RESINS, TOTAL	19	3	4	18	73	9	17	65	14
THERMOPLASTIC POLYESTER, TOTAL	111	2	7	106	430R	9	27	412	2
THERMOPLASTIC RESINS, TOTAL	3,433	109	394	3,148	13,566R	467	1,467	12,566	4
GRAND TOTAL	3,969	119	419	3,669	15,597R	504	1,552	14,549	4

(1) = Except phenolic resins which are reported on a gross weight basis
D = Disclosure
R = Revision

(4) = The publishing of PVOH data is temporarily suspended.

Note: Year-to-date figures include government revisions.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

Sources: Production – SPI Monthly Statistical Report
Imports – Bureau of Census IM 146
Exports – Bureau of Census EM 546

* = Bureau of Census exports will differ from the SPI exports as published on pages 4 through 11 of this report.

	Import No. (1)	Export No. (2)
Epoxy	409.0200	444.5410/444.5420
Polyester, Unsaturated	409.1000	444.6000
Urea	445.3540	444.5220
Melamine	445.3520	444.5210
Phenolic	409.0600	444.5810/444.5820
Low Density Polyethylene	445.3010	444.1604/444.1606/444.1608
High Density Polyethylene	445.3020	444.1620
Polypropylene	445.5200	444.1700
ABS	408.7200	444.2010
SAN	408.8100	444.2020
Other Styrenics	408.7600/408.8450	444.2050
Polystyrene	408.8420	444.2030/444.2040
Nylon	408.6100	444.1210
PVC	445.4600	444.2310/444.2320
Vinyl Acetate	445.4400	444.2120
Polyvinyl Alcohol	445.4200	444.2110
Other Vinyls	445.4800	444.2330
Thermoplastic Polyester	408.6800	444.1500

(1) Tariff Schedules of the U.S. Annotated
(2) Schedule B

7/21/87 A8920-5

The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

MAY 1987

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY

RELEASE DATE: July 15, 1987

SPI **SECTION I** **CRS**

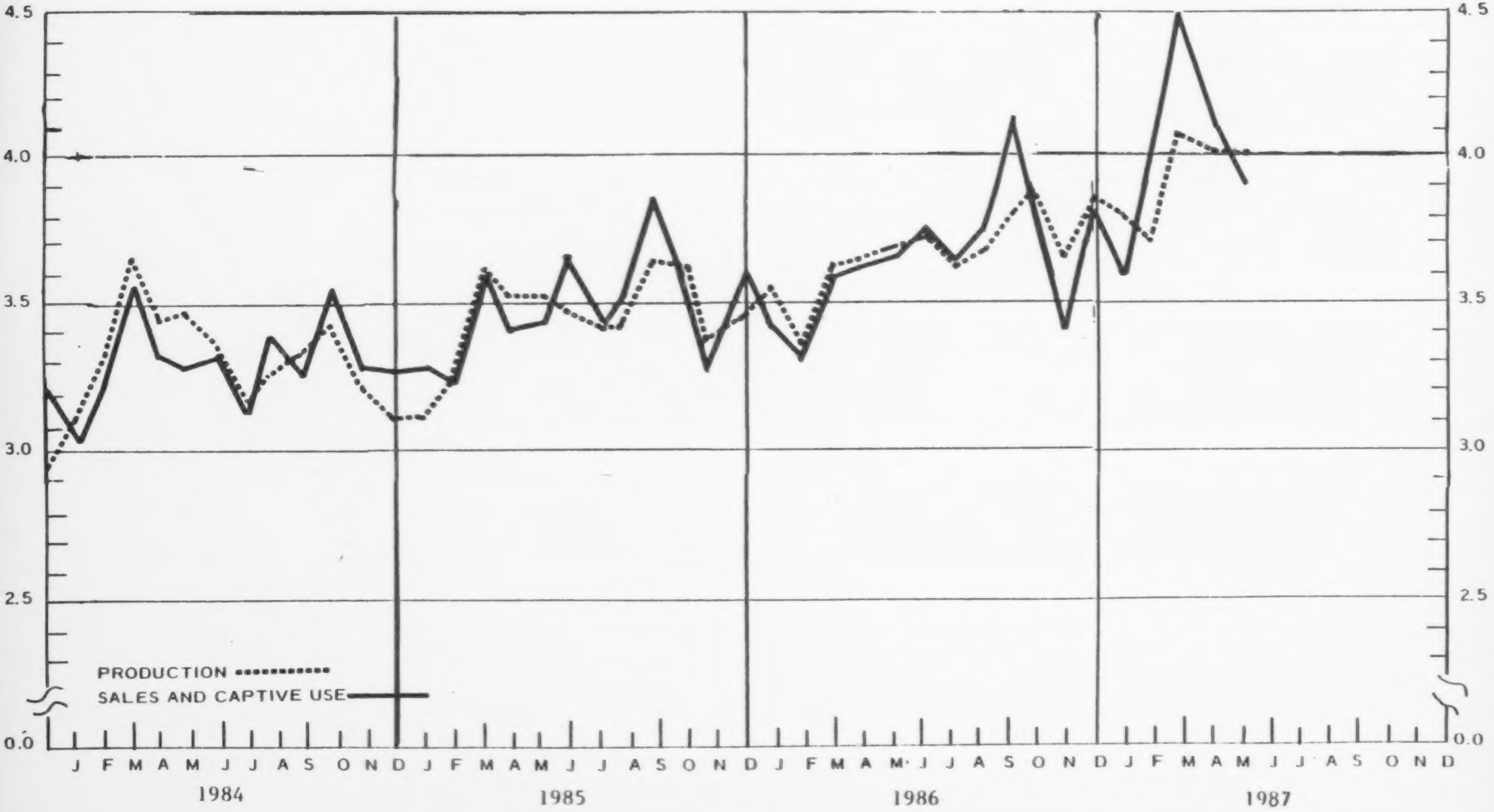
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

MAY 1987



Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTI

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

MAY 1987

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
EPOXY RESINS, TOTAL	32,785	32,056	+2.3	166,655	160,108	+4.1	35,232	37,516	-6.1	170,376	158,912	+7.2
POLYESTER (UNSATURATED) RESINS, TOTAL	122,199	112,225	+8.9	566,853	535,834	+5.8	125,953	113,590	+10.9	565,484	536,461	+5.4
UREA RESINS, TOTAL	112,908	102,873	+9.8	559,770	510,300	+9.7	112,787	103,702	+8.8	567,309	513,606	+10.5
MELAMINE RESINS, TOTAL	15,836	15,173	+4.4	83,102	78,815	+5.4	17,047	13,191	+29.2	86,876	74,531	+16.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	227,451	228,651	-0.5	1,166,897	1,144,611	+1.9	228,310	221,050	+3.3	1,160,035	1,123,227	+3.3
THERMOSETTING RESINS, TOTAL	511,179	490,978	+4.1	2,543,277	2,429,668	+4.7	519,329	489,049	+6.2	2,550,080	2,406,737	+6.0
LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	713,541	719,451	-0.8	3,952,948	3,467,811	+14.0	758,085	760,484	-0.3	3,946,263	3,708,887	+6.4
HIGH DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	611,855	583,861	+4.8	3,265,908	2,733,800	+19.5	673,085	606,754	+10.9	3,148,387	2 899,399	+8.6
POLYPROPYLENE, TOTAL	530,195	465,595	+13.9	2,647,736	2,290,136	+15.6	514,971	477,251	+7.9	2,596,860	2,360,903	+10.0
ACRYLONITRILE BUTADIENE STYRENE (ABS) RESINS, TOTAL	100,548	82,666	+21.6	502,955	439,595	+14.4	96,242	82,400	+16.8	478,889	453,654	+5.6
STYRENE ACRYLONITRILE (SAN) RESINS, TOTAL	7,489	6,683	+12.1	45,640	33,534	+36.1	10,006	7,366	+35.8	53,831	37,116	+45.0
POLYSTYRENE RESINS, TOTAL	428,682	379,158	+13.1	2,089,388	1,803,056	+15.9	416,329	386,085	+7.8	1,991,916	1,759,319	+13.2
STYRENE BASED LATEXES, TOTAL **	78,021	71,214	+9.6	400,806	349,222	+14.8	78,735	66,492	+18.4	373,168	328,803	+13.5
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	22,633	20,651	+9.6	112,611	113 885	-1.1	25,598	25,138	+1.8	108,669	107,737	+0.9
NYLON RESINS, TOTAL	42,688	38,417	+11.1	209,169	189,882	+10.2	41,797	39,034	+7.1	212,386	199,291	+6.6
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	676,939	635,451	+6.5	3,244,298	3,011,861	+7.7	647,786	587,199	+10.3	3,178,375	2,953,503	+7.6
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	60,441	60,534	-0.2	297,308	295,684	+0.5	* 60,441	* 60,534	-0.2	* 297,308	* 295,684	+0.5
POLYVINYL ALCOHOL, TOTAL #	D(4)	D(4)		D (4)	D(4)		D(4)	D(4)		D(4)	D(4)	
OTHER VINYL RESINS, TOTAL	17,790	16,170	+10.0	84,996	80,580	+5.5	17,212	16,960	+1.5	89,859	86,960	+3.3
THERMOPLASTIC POLYESTER, TOTAL	126,140	103,454	+21.9	537,346	457,264	+17.5	121,911	97,397	+25.2	551,953	458,699	+20.3
THERMOPLASTIC RESINS, TOTAL	3,416,962	3,183,305	+7.3	17,391,109	15,266,310	+13.9	3,462,198	3,213,094	+7.8	17,027,864	15,649,955	+8.8
GRAND TOTAL	3,928,141	3,674,283	+6.9	19,934,386	17,695,978	+12.6	3,981,527	3,702,143	+7.5	19,577,944	18,056,692	+8.4

(1) = Except phenolic resins which are reported on a gross weight basis

* = These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

# = Includes imputed data

(4)= The publishing of PVOH data is temporarily suspended.

** = Sales and Captive Use figures include some Canadian produced material.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R - Revision

SPI CRS

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING RESINS

(In thousands of pounds, dry weight basis)

MAY 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
EPOXY RESINS, TOTAL	32,785	32,056	+2.3	166,655	160,108	+4.1	35,232	37,516	-6.1	170,376	158,912	+7.2
Total Exports	4,395	5,244	-16.2	26,579	23,887	+11.3						
Captive Use, Total	1.099	1 111	-1.1	5,250	5,649	-7.1						
Domestic Sales, Total	27,291	25,701	+6.2	134,826	130,572	+3.3						
Domestic Sales & Captive Use, Total	28,390	26,812	+5.9	140,076	136,221	+2.8						
Bonding & Adhesives	1,547	1,739	-11.0	8,502	8,416	+1.0						
Flooring, Paving & Exposed Aggregate	1,804	1,763	+2.3	8,205	7,877	+4.2						
Protective Coatings	13,792	13,723	+0.5	69,811	67,793	+3.0						
Fiber Reinforced Laminates & Composites, Total	5,966	5.135	+16.2	30,476	30,770	-1.0						
FRL&C for Printed Wiring Board	4,178	3,573	+16.9	21,983	20,517	+7.1						
All Other FRL&C	1,788	1,562	+14.5	8,493	10,253	-17.2						
Tooling, Casting & Molding Resins	2,204	1,802	+22.3	9,980	9,795	+1.9						
All Other Uses	3,077	2,650	+16.1	13,102	11,570	+13.2						
POLYESTER (UNSATURATED) RESINS, TOTAL	122,199	112,225	+8.9	566,853	535,834	+5.8	125,953	113,590	+10.9	565,484	536,461	+5.4
Total Exports	645	703	-8.3	3,164	4,112	-23.1						
Total Domestic	121,554	111,522	+9.0	563,689	531,722	+6.0						
General Purpose Resins, Total	105,825	97,618	+8.4	491,871	461,272	+6.6						
General Purpose - Thixotropic	47.003	41,984	+12.0	222,498	202,771	+9.7						
General Purpose - Press Molding	17,031	17,376	-2.0	63,961	70,634	-9.4						
General Purpose - All Other	41,791	38,258	+9.2	205,412	187,867	+9.3						
Flame Retardant Resins	2,541	1,894	+34.2	11,137	10,463	+6.4						
Chemical Resistant Resins	13,188	12,010	+9.8	60,681	59,987	+1.2						
Chemical Resistant Isophthalic Resins	10,290	9,759	+5.4	47,719	48,512	-1.6						
All Other Chemical Resistant Resins	2,898	2,251	+28.7	12,962	11,475	+13.0						
Reinforced Plastics, Total	92,785	82,973	+11.8	429,685	405,874	+5.9						
Non Reinforced Plastics, Total	28,769	28,549	+0.8	134,004	125,848	+6.5						

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

THERMOSETTING RESINS

MAY 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987.	1986	% Change
UREA RESINS, TOTAL	112,908	102,873	+9.8	559,770	510,300	+9.7	112,787	103,702	+8.8	567,309	513,606	+10.5
MELAMINE RESINS, TOTAL	15,836	15,173	+4.4	83,102	78,815	+5.4	17,047	13,191	+29,2	86,876	74,531	+16.6
UREA & MELAMINE RESINS, TOTAL	128,744	118,046	+9.1	642,872	589,115	+9.1	129,834	116,893	+11.1	654,185	588,137	+11.2
Total Exports	D	D		D	D							
Total Domestic*	128,744	118,046	+9.1	642,872	589,115	+9.1						
Textile Treating & Coating Resins	1,974	1,839	+7.3	10,516	8,134	+29.3	2,195	2,014	+9.0	11,901	11,009	+8.1
Paper Treating & Coating Resins	7,649	8,156	-6.2	38,483	41,218	-6.6	7,673	8,599	-10.8	39,026	41,662	-6.3
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	100,064	90,522	+10.5	500,533	453,272	+10.4	99,793	90,662	+10.1	499,626	451,574	+10.6
Laminating	3,983	3,328	+19.7	20,695	17,659	+17.2	4,006	3,105	+29.0	19,813	16,853	+17.6
Plywood	5,580	4,825	+15.6	27,314	24,093	+13.4	5,713	4,853	+17.7	27,587	24,261	+13.7
Fibrous & Granulated Wood (Particle Board)	90,501	82,369	+9.9	452,524	411,520	+10.0	90,074	82,704	+8.9	452,226	410,460	+10.2
Protective Coatings (Straight & Modified)	8,848	8,362	+5.8	46,327	44,042	+5.2	10,686	7,212	+48.2	61,980	45 081	+37.5
All Other Uses (Includes Molding Compounds, and Exports)	10,209	9,167	+11.4	47,013	42,449	+10.8	9,487	8,406	+12.9	41,652	38,811	+7.3
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	227,451	228,651	-0.5	1,166,897	1,144,611	+1.9	228,310	221,050	+3.3	1,160,035	1,123,227	+3.3
Total Exports	1,458	1,179	+23.7	7,883	5,949	+32.5						
Total Domestic	225,993	227,472	-0.7	1,159,014	1,138,662	+1.8						
Molding Compounds	18,401	17,501	+5.1	86,313	88,082	-2.0	19,371	17,508	+10.6	92,200	91,817	+0.4
Bonding & Adhesive Resins for:	201,544	206,480	-2.4	1,038,872	1,033,539	+0.5	202,932	199,697	+1.6	1,033,294	1,013,587	+1.9
Laminating	13,192	22,961	-42.5	79,723	86,304	-7.6	13,360	20,129	-33.6	72,693	71,868	+1.1
Coated & Bonded Abrasives	1,552	1,480	+4.9	7,810	7,780	+0.4	1,560	1,489	+4.8	7,852	7,809	+0.6
Friction Materials	2,928	2,397	+22.2	13,816	12,388	+11.5	3,167	2,404	+31.7	13,297	12,145	+9.5
Insulation Materials	33,743	39,775	-15.2	163,897	173,329	-5.4	33,902	35,469	-4.4	164,477	165,954	-0.9
Foundry & Shell Molding	2,444	3,513	-30.4	18,389	18,655	-1.4	2,548	3,534	-27.9	18,287	18,589	-1.6
Plywood	124,670	107,894	+15.5	634,340	585,603	+8.3	125 310	108,189	+15.8	635,858	586,239	+8.5
Fibrous & Granulated Wood	18,661	20,228	-7.7	99,639	107,662	-7.5	18,732	21,229	-11.8	99,285	108,726	-8.7
Resins Sold to Rubber Industry	1,457	2,385	-38.9	7,025	12,364	-43.2	1,256	1,395	-10.0	7,195	12,536	-42.6
All Other	2,897	5,847	-50.5	14,233	29,454	-51.7	3,097	5,859	-47.1	14,350	29,721	-51.7
Protective Coatings – Unmodified & Modified	1,767	1,817	-2.8	10,125	9,132	+10.9	1,763	1,781	-1.0	10,172	9,007	+12.9
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D	D	D	D		D	D		D	D	
All Other Uses #	4,281	1,674	+155.7	23,704	7,909	+199.7	4,244	2,064	+105.6	24,369	8,816	+176.4

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

# = Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(in thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MAY 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	713,541	719,451	-0.8	3,952,948	3,467,811	+14.0	758,085	760,484	-0.3	3,946,263	3,708,887	+6.4
Total Exports	77,769	75,070	+3.6	422,073	375,642	+12.4						
Total Domestic	635,772	644,381	-1.3	3,530,875	3,092,169	+14.2						
Film (12 Mils & Below)	370,114	397,319	-6.8	2,124,265	1,829,656	+16.1						
Sheet (Over 12 Mils)	D	D		D	D							
Injection Molding	54,432	45,814	+18.8	285,041	238,535	+19.5						
Wire & Cable	28,787	28,208	+2.1	151,190	140,816	+7.4						
Extrusion Coating	65,750	51,022	+28.9	342,549	278,950	+22.8						
Blow Molding	3,169	3,492	-9.2	18,847	17,433	+8.1						
Pipe & Conduit, Total	3,197	3,530	-9.4	12,140	14,384	-15.6						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	10,359	8,479	+22.2	53,711	47,396	+13.3						
Resellers & Compounders	40,687	51,509	-21.0	245,088	237,435	+3.2						
All Other Uses	59,277	55,008	+7.8	298,044	287,564	+3.6						
HIGH DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	611,855	583,861	+4.8	3,265,908	2,733,800	+19.5	673,085	606,754	+10.9	3,148,387	2,899,399	+8.6
Total Exports	69,237	72,137	-4.0	380,857	353,083	+7.9						
Total Domestic	542,618	511,724	+6.0	2,885,051	2,380,717	+21.2						
Film (12 Mils & Below)	43,248	38,336	+12.8	232,372	187,462	+24.0						
Sheet (Over 12 Mils)	17,093	17,965	-4.9	93,201	69,505	+34.1						
Injection Molding	141,050	135,695	+3.9	730,514	591,571	+23.5						
Wire & Cable	10,343	11,155	-7.3	53,260	52,015	+2.4						
Extrusion Coating	D	D		D	D							
Blow Molding	209,295	187,965	+11.3	1,124,985	940,892	+19.6						
Pipe & Conduit, Total	47,396	40,333	+17.5	234,348	171,410	+36.7						
Corrugated Pipe & Conduit	13,962	14,845	-5.9	67,134	60,312	+11.3						
Non-Corrugated Pipe & Conduit	33,434	25,488	+31.2	167,214	111,098	+50.5						
Other Extruded Products	3,525	3,665	-3.8	21,742	19,108	+13.8						
Resellers & Compounders	43,774	43,593	+0.4	233,386	208,437	+12.0						
All Other Uses	26,894	33,017	-18.5	161,243	140,317	+14.9						

(2) = Included in Other Extruded Products
(3) = Included in Film

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure

SEC N I

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MAY 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
POLYPROPYLENE, TOTAL	530,195	465,595	+13.9	2,647,736	2,290,136	+15.6	514,971	477,251	+7.9	2,596,860	2,360,903	+10.0
Total Exports	93,306	80,791	+15.5	506,058	411,216	+23.1						
Total Domestic	436,889	384,804	+13.5	2,141,678	1,878,920	+14.0						
Injection Molding	131,731	105,260	+25.1	644,569	545,847	+18.1						
Appliances	10,644	10,789	-1.3	61,410	54,294	+13.1						
Consumer Products	34,512	25,589	+34.9	163,251	136,976	+19.2						
Rigid Packaging	42,516	36,755	+15.7	201,499	188,457	+6.9						
Transportation	26,630	21,711	+22.7	132,963	122,987	+8.1						
All Other Injection Molding	17,429	10,416	+67.3	85,446	43,133	+98.1						
Blow Molding	10,821	8,470	+27.8	49,216	43,701	+12.6						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	47,160	44,032	+7.1	218,162	211,522	+3.1						
Sheet (Over 10 Mils)	7,201	3,549	+102.9	33,307	14,226	+134.1						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	139,246	122,021	+14.1	691,040	581,160	+18.9						
Textile Applications	132,687	112,414	+18.0	653,039	534,750	+22.1						
Non-Textile Monofilaments	6,559	9,607	-31.7	38,001	46,410	-18.1						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	12,032	9,677	+24.3	49,835	37,600	+32.5						
Resellers & Compounders	87,540	80,781	+8.4	437,002	387,445	+12.8						
All Other Uses	1,158	11,014	-89.5	18,547	57,419	-67.7						

= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure

SECT[illegible]N I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MAY 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
ACRYLONITRILE BUTADIENE-STYRENE (ABS) RESINS, TOTAL	100,548	82,666	+21.6	502,955	439,595	+14.4	96,242	82,400	+16.8	478,889	453,654	+ 5.6
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE ACRYLONITRILE (SAN) RESINS, TOTAL	7,489	6,683	+12.1	45,640	33,534	+36.1	10,006	7,366	+35.8	53,831	37,116	+45.0
Total Exports	1,668	348	+379.3	9,191	3,180	+189.0						
Total Domestic	5,821	6,335	- 8.1	36,449	30,354	+20.1						
POLYSTYRENE RESINS, TOTAL	428,682	379,158	+13.1	2,089,388	1,803,056	+15.9	416,329	386,085	+ 7.8	1,991,916	1,759,319	+13.2
Straight Polystyrene	232,728	194,337	+19.8	1,113,345	929,060	+19.8	220,451	199,029	+10.8	1,056,291	925,800	+14.1
Rubber-Modified Polystyrene	195,954	184,821	+ 6.0	976,043	873,996	+11.7	195,878	187,056	+ 4.7	935,625	833,519	+12.2
Total Exports	8,539	8,938	- 4.5	48,883	45,615	+ 7.2						
Straight Polystyrene	7,240	6,419	+12.8	35,301	26,196	+34.8						
Rubber-Modified Polystyrene	1,299	2,519	-48.4	13,582	19,419	-30.1						
Total Domestic	420,143	370,220	+13.5	2,040,505	1,757,441	+16.1						
Molding	163,609	127,119	+28.7	776,655	627,646	+23.7						
Extrusion	178,809	170,203	+ 5.1	912,614	789,016	+15.7						
Expandable Polystyrene Beads	56,245	43,329	+29.8	230,722	189,470	+21.8						
All Other Uses	21,480	29,569	-27.4	120,514	151,309	-20.4						
Polystyrene End Uses, Total**	420,143	370,220	+13.5	2,040,505	1,757,441	+16.1						
Packaging	111,717	89,267	+25.1	541,222	416,497	+29.9						
Disposables	66,762	47,348	+41.0	323,962	225,230	+43.8						
Consumer and Institutional Products	69,228	50,521	+37.0	329,967	226,506	+45.7						
Electrical/Electronics	42,570	35,287	+20.6	204,475	157,441	+29.9						
Furniture, Furnishings, Building & Construction	13,776	20,412	-32.5	106,024	85,926	+23.4						
Expandable Polystyrene Beads	56,245	43,329	+29.8	230,722	189,470	+21.8						
Resellers and Compounders	34,712	30,993	+12.0	180,822	200,814	-10.0						
All Other End Uses	25,133	53,063	-52.6	123,311	255,557	-51.7						

** = Portions of the End Use Section are estimated.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SEC N

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

MAY 1987

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
STYRENE BASED LATEXES, TOTAL	78,021	71,214	+ 9.6	400,806	349,222	+14.8	78,735	66,492	+18.4	373,168	328,803	+13.5
Paper Treating	3,323	4,982	-33.3	23,189	21,801	+ 6.4						
Textile Treating	1,153	1,348	-14.5	4,905	8,060	-39.1						
Carpet Backing	29,614	26,522	+11.7	154,545	123,427	+25.2						
All Other Uses (Including Exports & Paper Coating)	43,931	38,362	+14.5	218,167	195,934	+11.3						
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	22,633	20,651	+ 9.6	112,611	113,885	- 1.1	25,598	25,138	+ 1.8	108,669	107,737	+ 0.9
Total Export	D	D		D	D							
Total Domestic	D	D		D	D							
Molding & Extrusion	D	D		D	D							
Coatings	D	D		D	D							
NYLON RESINS, TOTAL	42,688	38,417	+11.1	209,169	189,882	+10.2	41,797	39,034	+ 7.1	212,386	199,291	+ 6.6
Total Exports	6,239	3,343	+86.6	23,702	14,914	+58.9						
Total Domestic	36,449	35,074	+ 3.9	185,467	174,968	+ 6.0						
Injection Molding Grade	21,142	23,368	- 9.5	114,733	117,868	- 2.7						
Extrusion Grade	11,896	9,730	+22.3	53,479	46,667	+14.6						
Resellers and Compounders	2,545	1,365	+86.4	11,722	7,308	+60.4						
All Other Uses	866	611	+41.7	5,533	3,125	+77.1						

*** = Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure

Styrene Based Latexes sales includes some Canadian-produced material.

SECT I

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	676,939	635,451	+ 6.5	3,244,298	3,011,861	+ 7.7	647,786	587,199	+10.3	3,178,375	2,953,503	+ 7.6
Homopolymer Resins Including Blending & Latex	622,398	588,192	+ 5.8	2,986,887	2,760,547	+ 8.2	597,672	538,394	+11.0	2,929,069	2,706,450	+ 8.2
Copolymer Resins Including Blending & Latex	16,697	16,725	- 0.2	73,000	87,615	-16.7	13,175	14,998	-12.2	74,248	81,609	- 9.0
Dispersion Resins	37,844	30,534	+23.9	184,411	163,699	+12.7	36,939	33,807	+ 9.3	175,058	165,444	+ 5.8
Total Exports	33,234	25,554	+30.1	168,216	134,397	+25.2						
Total Domestic	643,705	609,897	+ 5.5	3,076,082	2,877,464	+ 6.9						
Calendering, Total	63,120	66,849	- 5.6	291,441	309,815	- 5.9						
Flooring	12,963	14,636	-11.4	58,579	71,886	-18.5						
Textile	9,028	7,622	+18.4	43,012	32,071	+34.1						
All Other Calendering Uses	41,129	44,591	- 7.8	189,850	205,858	- 7.8						
Coating, Total	31,254	26,078	+19.8	149,633	129,675	+15.4						
Flooring	13,824	11,093	+24.6	65,530	54,430	+20.4						
Textile & Paper Coating	8,333	7,811	+ 6.7	43,684	39,629	+10.2						
Protective Coatings	4,056	3,700	+ 9.6	20,705	19,848	+ 4.3						
Adhesives & All Other Coating Uses	5,041	3,474	+45.1	19,714	15,768	+25.0						
Extrusion, Total	441,501	428,738	+ 3.0	2,152,000	1,984,356	+ 8.4						
Wire & Cable	37,808	34,434	+ 9.8	184,768	183,832	+ 0.5						
Film & Sheet, Packaging	23,301	24,611	- 5.3	108,940	109,152	- 0.2						
Film & Sheet, Non-Packaging	4,681	N/A		20,274	N/A							
Siding & Siding Accessories, & Mobile Home Skirts	55,943	48,671	+14.9	251,413	218,971	+14.8						
Rigid Pipe & Tubing (Except Fittings)	278,202	276,745	+ 0.5	1,370,151	1,236,113	+10.8						
All Other Extrusions	41,566	44,277	- 6.1	216,454	236,288	- 8.4						
Molding, Total	43,396	44,557	- 2.6	204,570	214,580	- 4.7						
Bottles	14,110	20,630	-31.6	72,789	85,139	-14.5						
Fittings (Rigid Pipe & Tubing)	14,216	11,383	+24.9	57,640	62,158	- 7.3						
All Other Molding	15,070	12,544	+20.1	74,141	67,283	+10.2						
Paste Processes (Except Coating)	14,568	12,112	+20.3	68,072	67,434	+ 0.9						
Plastisol Formulation	7,778	5,906	+31.7	36,115	33,837	+ 6.7						
All Other	6,790	6,206	+ 9.4	31,957	33,597	- 4.9						
Resellers & Compounders	34,342	24,910	+37.9	147,818	111,656	+32.4						
All Other Uses	15,524	6,653	+133.3	62,548	59,948	+ 4.3						

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MAY 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MAY			YEAR-TO-DATE			MAY			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	60,441	60,534	- 0.2	297,308	295,684	+ 0.5	60,441	60,534	- 0.2	297,308	295,684	+ 0.5
Total Exports	683	197	+246.7	3,059	2,324	+31.6						
Total Domestic	59,758	60,337	- 1.0	294,249	293,360	+ 0.3						
Emulsion Paints	20,085	21,746	- 7.6	101,165	102,066	- 0.9						
Adhesives, Caulks and Sealants	19,815	21,967	- 9.8	105,608	107,803	- 2.0						
Paper Treating & Paper Coating	11,510	8,857	+30.0	48,770	45,677	+ 6.8						
Textile Treating	2,767	2,472	+11.9	13,008	14,057	- 7.5						
Non-Woven Binders	D	D		D	D							
All Other Uses ,	5,581	5,295	+ 5.4	25,698	23,757	+ 8.2						
POLYVINYL ALCOHOL, TOTAL #	D(4)	D(4)		D(4)	D(4)		D(4)	D(4)		D(4)	D(4)	
Total Exports	D(4)	D(4)		D(4)	D(4)							
Total Domestic	D(4)	D(4)		D(4)	D(4)							
OTHER VINYL RESINS*, TOTAL	17,790	16,170	+10.0	84,996	80,580	+ 5.5	17,212	16,960	+ 1.5	89,859	86,960	+ 3.3
Total Exports	6,625	4,178	+58.6	27,914	21,577	+29.4						
Total Domestic	11,165	11,992	- 6.9	57,082	59,003	- 3.3						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	126,140	103,454	+21.9	537,346	457,264	+17.5	121,941	97,397	+25.2	551,953	458,699	+20.3
Total Exports	18,075	17,804	+ 1.5	70,051	64,530	+ 8.6						
Total Domestic	108,065	85,650	+26.2	467,295	392,734	+19.0						
PET Bottle Grades	80,744	61,118	+32.1	340,607	277,579	+22.7						
All Other Thermoplastic Polyester**	27,321	24,532	+11.4	126,688	115,155	+10.0						

** = Includes All Other PET and All Injection Molding Grades

# = Includes imputed data

(1) = Included in All Other Uses

(4) = The publishing of PVOH data has been temporarily suspended.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure

A 8920-5

The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

MAY 31, 1987

APPARENT CONSUMPTION REPORT OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

**SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY**

RELEASE DATE: August 14, 1987

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In millions of pounds, dry weight basis)(1)

MAY 1987

RESIN KIND	MAY				YEAR TO DATE				
	Production	Imports	Exports*	Apparent Consumption	Production	Imports	Exports*	Apparent Consumption	Import % of Apparent Consumption
EPOXY RESINS, TOTAL	35	1	11	25	170	7	50	127	6
POLYESTER (UNSATURATED) RESINS, TOTAL	126	1	3	124	566	2	24	544	0
UREA RESINS, TOTAL	113	2	1	114	567	12	3	576	2
MELAMINE RESINS, TOTAL	17	1	1	17	87	3	5	85	4
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	228	4	5	227	1,160	19	22	1,157	2
THERMOSETTING RESINS, TOTAL	519	9	21	507	2,550	43	104	2,489	2
LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	758	63	99	722	3,946	342	419	3,869	9
HIGH DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	673	8	94	587	3,149	36	398	2,787	1
POLYPROPYLENE, TOTAL	515	1	136	380	2,597	6	611	1,992	0
ACRYLONITRILE BUTADIENE STYRENE (ABS) RESINS, TOTAL	96	7	13	90	479	31	60	450	7
STYRENE ACRYLONITRILE (SAN) RESINS, TOTAL	10	0	2	8	54	2	11	45	4
OTHER STYRENICS	105	7	10	102	482	31	46	467	7
POLYSTYRENE, TOTAL	416	1	12	405	1,992	9	61	1,940	1
NYLON RESINS, TOTAL	42	3	8	37	212	19	37	194	10
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	648	11	39	620	3,178	65	179	3,064	2
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	60	2	4	58	297	12	18	291	4
POLYVINYL ALCOHOL, TOTAL	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)
OTHER VINYL RESINS, TOTAL	17	3	7	13	90	12	24	78	15
THERMOPLASTIC POLYESTER, TOTAL	122	3	6	119	552	11	33	530	2
THERMOPLASTIC RESINS, TOTAL	3,462	109	430	3,141	17,028	576	1,897	15,707	4
GRAND TOTAL	3,981	118	451	3,648	19,578	619	2,001	18,196	3

(1) Except phenolic resins which are reported on a gross weight basis.
D Disclosure
R Revision

(4) - The publishing of PVOH data is temporarily suspended.

Note: Year-to-date figures include government revisions.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

Sources: Production - SPI Monthly Statistical Report
Imports - Bureau of Census IM 146
Exports - Bureau of Census EM 546

* Bureau of Census exports will differ from the SPI exports as published on pages 4 through 11 of this report.

	Import No. (1)	Export No. (2)
Epoxy	409.0200	444.5410/444.5420
Polyester, Unsaturated	409.1000	444.6000
Urea	445.3540	444.5220
Melamine	445.3520	444.5210
Phenolic	409.0600	444.5810/444.5820
Low Density Polyethylene	445.3010	444.1604/444.1606/444.1608
High Density Polyethylene	445.3020	444.1620
Polypropylene	445.5200	444.1700
ABS	408.7200	444.2010
SAN	408.8100	444.2020
Other Styrenics	408.7600/408.8450	444.2050
Polystyrene	408.8420	444.2030/444.2040
Nylon	408.6100	444.1210
PVC	445.4600	444.2310/444.2320
Vinyl Acetate	445.4400	444.2120
Polyvinyl Alcohol	445.4200	444.2110
Other Vinyls	445.4800	444.2330
Thermoplastic Polyester	408.6800	444.1500

(1) Tariff Schedules of the U.S. Annotated
(2) Schedule B

8/21/87 A8920-5

The Society of the
Plastics Industry, Inc.

Monthly Statistical Report - Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

JUNE, 1987

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY

ELEASE DATE: August 14, 1987

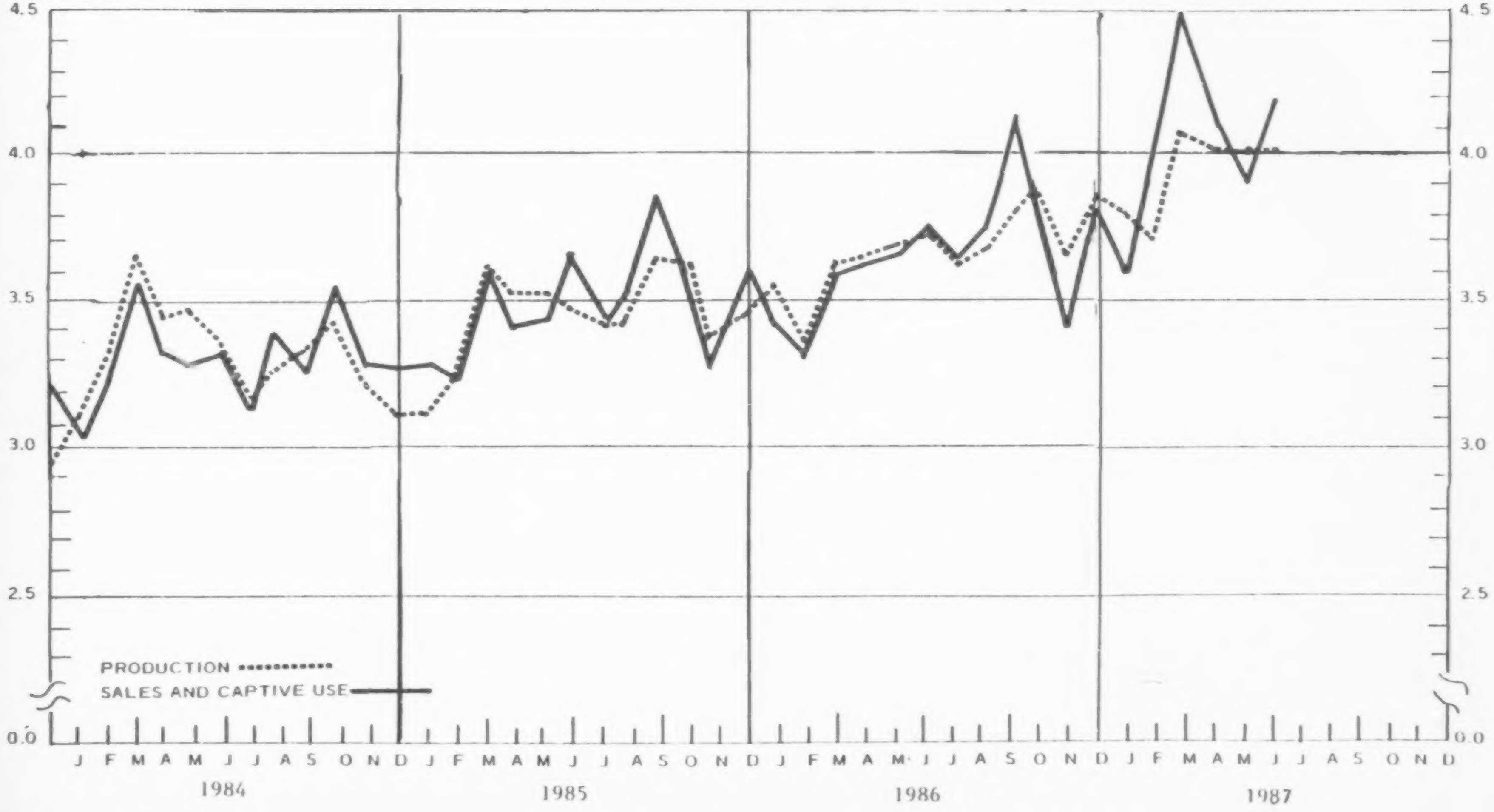
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

JUNE 1987



Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

JUNE 1987

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR TO DATE			JUNE			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
EPOXY RESINS, TOTAL	40,717	31,212	+30.5	212,223R	191,320	+10.9	41,264	38,702	+ 6.6	211,640	197,614	+ 7.1
POLYESTER (UNSATURATED) RESINS, TOTAL	126,523	113,440	+11.5	693,376	649,274	+ 6.8	127,259	114,211	+11.4	692,743	650,672	+ 6.5
UREA RESINS, TOTAL	118,350	111,571	+ 6.1	678,120	621,871	+ 9.0	120,357	111,612	+ 7.8	687,666	625,218	+10.0
MELAMINE RESINS, TOTAL	16,765	15,933	+ 5.2	99,867	94,748	+ 5.4	18,618	14,182	+31.3	105,494	88,713	+18.9
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	254,523	234,091	+ 8.7	1,421,420	1,378,702	+ 3.1	251,461	233,586	+ 7.7	1,411,496	1,356,813	+ 4.0
THERMOSETTING RESINS, TOTAL	556,878	506,247	+10.0	3,105,006R	2,935,915	+ 5.8	558,959	512,293	+ 9.1	3,109,039	2,919,030	+ 6.5
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	860,704	739,335	+16.4	4,813,652	4,207,146	+14.4	781,439	737,209	+ 6.0	4,727,702	4,446,096	+ 6.3
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	667,136	618,874	+ 7.8	3,933,044	3,352,674	+17.3	635,638	584,525	+ 8.7	3,784,025	3,483,924	+ 8.6
POLYPROPYLENE, TOTAL	566,265	480,464	+17.9	3,214,001	2,770,600	+16.0	532,072	463,694	+14.7	3,128,932	2,824,597	+10.8
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	114,190	88,755	+28.7	617,145	528,350	+16.8	110,514	86,095	+28.4	589,403	539,749	+ 9.2
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	9,923	5,653	+75.5	55,563	39,187	+41.8	9,868	6,369	+54.9	63,699	43,485	+46.5
POLYSTYRENE RESINS, TOTAL	400,590	401,066	- 0.1	2,489,978	2,204,122	+13.0	367,405	380,481	- 3.4	2,359,321	2,139,800	+10.3
STYRENE BASED LATEXES, TOTAL **	79,559	72,535	+ 9.7	480,410R	421,757	+13.9	80,656	71,515	+12.8	453,824	400,318	+13.4
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	23,811	25,883	- 8.0	136,422	139,768	- 2.4	24,965	26,473	- 5.7	133,634	134,210	- 0.4
NYLON RESINS, TOTAL	44,904	35,553	+26.3	254,073	225,435	+12.7	41,588	37,421	+11.1	253,974	236,712	+ 7.3
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	693,774	620,473	+11.8	3,937,133R	3,632,334	+ 8.4	669,205	607,580	+10.1	3,847,580	3,561,083	+ 8.0
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	62,391	58,933	+ 5.9	359,699	354,617	+ 1.4	* 62,391	* 58,933	+ 5.9	* 359,699	* 354,617	+ 1.4
POLYVINYL ALCOHOL, TOTAL #	D(4)	D(4)		D(4)	D(4)		D(4)	D(4)		D(4)	D(4)	
OTHER VINYL RESINS, TOTAL	15,333	16,168	- 5.2	100,329	96,748	+ 3.7	18,856	16,969	+11.1	108,715	103,929	+ 4.6
THERMOPLASTIC POLYESTER, TOTAL	129,826	95,130	+36.5	667,172	552,394	+20.8	131,954	97,621	+35.2	683,907	556,320	+22.9
THERMOPLASTIC RESINS, TOTAL	3,668,406	3,258,822	+12.6	21,058,621R	18,525,132	+13.7	3,466,551	3,174,885	+ 9.2	20,494,415	18,824,840	+ 8.9
GRAND TOTAL	4,225,284	3,765,069	+12.2	24,163,627R	21,461,047	+12.6	4,025,510	3,687,178	+ 9.2	23,603,454	21,743,870	+ 8.6

(1) = Except phenolic resins which are reported on a gross weight basis

* = These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

= Includes imputed data

(4) = The publishing of PVOH data is temporarily suspended.

** = Sales and Captive Use figures include some Canadian produced material.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision
D = Disclosure

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

JUNE 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR TO DATE			JUNE			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
EPOXY RESINS, TOTAL	40,717	31,212	+ 30.5	212,223R	191,320	+ 10.9	41,264	38,702	+ 6.6	211,640	197,614	+ 7.1
Total Exports	7,214	2,539	+184.1	38,644R	26,426	+ 46.2						
Captive Use, Total	1,310	954	+ 37.3	6,560	6,603	- 0.7						
Domestic Sales, Total	32,193	27,719	+ 16.1	167,019	158,291	+ 5.5						
Domestic Sales & Captive Use, Total	33,503	28,673	+ 16.8	173,579	164,894	+ 5.3						
Bonding & Adhesives	2,371	1,501	+ 58.0	10,873	9,917	+ 9.6						
Flooring, Paving & Exposed Aggregate	2,187	1,809	+ 20.9	10,392	9,686	+ 7.3						
Protective Coatings	17,543	14,412	+ 21.7	87,354	82,205	+ 6.3						
Fiber Reinforced Laminates & Composites, Total	6,195	6,073	+ 2.0	36,671	36,843	- 0.5						
FRL&C for Printed Wiring Board	4,262	4,409	- 3.3	26,245	24,926	+ 5.3						
All Other FRL&C	1,933	1,664	+ 16.2	10,426	11,917	- 12.5						
Tooling, Casting & Molding Resins	1,930	1,883	+ 2.5	11,910	11,678	+ 2.0						
All Other Uses	3,277	2,995	+ 9.4	16,379	14,565	+ 12.5						
POLYESTER (UNSATURATED) RESINS, TOTAL	126,523	113,440	+ 11.5	693,376	649,274	+ 6.8	127,259	114,211	+ 11.4	692,743	650,672	+ 6.5
Total Exports	762	867	- 12.1	3,926	4,979	- 21.1						
Total Domestic	125,761	112,573	+ 11.7	689,450	644,295	+ 7.0						
General Purpose Resins, Total	108,508	96,969	+ 11.9	600,379	558,241	+ 7.5						
General Purpose - Thixotropic	47,305	41,368	+ 14.4	269,803	244,139	+ 10.5						
General Purpose - Press Molding	12,557	11,496	+ 9.2	76,518	82,130	- 6.8						
General Purpose - All Other	48,646	44,105	+ 10.3	254,058	231,972	+ 9.5						
Flame Retardant Resins	2,744	2,355	+ 16.5	13,881	12,818	+ 8.3						
Chemical Resistant Resins	14,509	13,249	+ 9.5	75,190	73,236	+ 2.7						
Chemical Resistant Isophthalic Resins	10,859	10,733	+ 1.2	58,578	59,245	- 1.1						
All Other Chemical Resistant Resins	3,650	2,516	+ 45.1	16,612	13,991	+ 18.7						
Reinforced Plastics, Total	97,534	84,129	+ 15.9	527,219	490,003	+ 7.6						
Non-Reinforced Plastics, Total	28,227	28,444	- 0.8	162,231	154,292	+ 5.1						

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)(1)

JUNE 1987

THERMOSETTING RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
UREA RESINS, TOTAL	118,350	111,571	+ 6.1	678,120	621,871	+ 9.0	120,357	111,612	+ 7.8	687,666	625,218	+10.0
MELAMINE RESINS, TOTAL	16,765	15,933	+ 5.2	99,867	94,748	+ 5.4	18,618	14,182	+31.3	105,494	88,713	+18.9
UREA & MELAMINE RESINS, TOTAL	135,115	127,504	+ 6.0	777,987	716,619	+ 8.6	138,975	125,794	+10.5	793,160	713,931	+11.1
Total Exports	D	D		D	D							
Total Domestic*	135,115	127,504	+ 6.0	777,987	716,619	+ 8.6						
Textile Treating & Coating Resins	1,787	1,679	+ 6.4	12,303	9,813	+25.4	2,440	2,151	+13.4	14,341	13,160	+ 9.0
Paper Treating & Coating Resins	7,804	8,928	-12.6	46,287	50,146	- 7.7	7,879	9,009	-12.5	46,905	50,671	- 7.4
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	106,939	100,383	+ 6.5	607,472	553,655	+ 9.7	107,200	99,420	+ 7.8	606,826	550,994	+10.1
Laminating	4,221	3,715	+13.6	24,916	21,374	+16.6	4,195	3,198	+31.2	24,008	20,051	+19.7
Plywood	5,644	5,330	+ 5.9	32,958	29,423	+12.0	5,730	5,448	+ 5.2	33,317	29,709	+12.1
Fibrous & Granulated Wood (Particle Board)	97,074	91,338	+ 6.3	549,598	502,858	+ 9.3	97,275	90,774	+ 7.2	549,501	501,234	+ 9.6
Protective Coatings (Straight & Modified)	9,293	8,372	+11.0	55,620	52,414	+ 6.1	11,824	8,433	+40.2	73,804	53,514	+37.9
All Other Uses (Includes Molding Compounds, and Exports)	9,292	8,142	+14.1	56,305	50,591	+11.3	9,632	6,781	+42.0	51,284	45,592	+12.5
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	254,523	234,091	+ 8.7	1,421,420	1,378,702	+ 3.1	251,461	233,586	+ 7.7	1,411,496	1,356,813	+ 4.0
Total Exports	1,719	1,339	+28.4	9,602	7,288	+31.8						
Total Domestic	252,804	232,752	+ 8.6	1,411,818	1,371,414	+ 2.9						
Molding Compounds	17,854	16,377	+ 9.0	104,167	104,459	- 0.3	19,487	19,029	+ 2.4	111,687	110,846	+ 0.8
Bonding & Adhesive Resins for:	228,152	212,802	+ 7.2	1,267,024	1,246,341	+ 1.7	224,549	210,619	+ 6.6	1,257,843	1,224,206	+ 2.7
Laminating	19,040	16,925	+12.5	98,763	103,229	- 4.3	15,630	14,079	+11.0	88,323	85,947	+ 2.8
Coated & Bonded Abrasives	1,580	1,806	-12.5	9,390	9,586	- 2.0	1,589	1,815	-12.5	9,441	9,624	- 1.9
Friction Materials	3,465	2,384	+45.3	17,281	14,772	+17.0	3,367	2,626	+28.2	16,664	14,771	+12.8
Insulation Materials	36,490	33,512	+ 8.9	200,387	206,841	- 3.1	36,595	33,922	+ 7.9	201,072	199,876	+ 0.6
Foundry & Shell Molding	3,959	3,862	+ 2.5	22,348	22,517	- 0.8	3,917	3,667	+ 6.8	22,204	22,256	- 0.2
Plywood	138,514	125,322	+10.5	772,854	710,925	+ 8.7	138,302	125,128	+10.5	774,160	711,367	+ 8.8
Fibrous & Granulated Wood	20,579	20,035	+ 2.7	120,218	127,697	- 5.9	20,638	19,948	+ 3.5	119,923	128,674	- 6.8
Resins Sold to Rubber Industry	1,576	3,344	-52.9	8,601	15,708	-45.2	1,628	3,565	-54.3	8,823	16,101	-45.2
All Other	2,949	5,612	-47.5	17,182	35,066	-51.0	2,883	5,869	-50.9	17,233	35,590	-51.6
Protective Coatings – Unmodified & Modified	2,046	1,876	+ 9.1	12,171	11,008	+10.6	2,050	1,882	+ 8.9	12,222	10,889	+12.2
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	4,752	1,697	+180.0	28,456	9,606	+196.2	5,375	2,056	+161.4	29,744	10,872	+173.6

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

# = Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure

SPI CRS

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JUNE 1987

	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
RESIN KIND & USE	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	860,704	739,335	+16.4	4,813,652	4,207,146	+14.4	781,439	737,209	+ 6.0	4,727,702	4,446,096	+ 6.3
Total Exports	87,884	84,329	+ 4.2	509,957	459,971	+10.9						
Total Domestic	772,820	655,006	+18.0	4,303,695	3,747,175	+14.9						
Film (12 Mils & Below)	480,279	399,061	+20.4	2,614,394R	2,228,717	+17.3						
Sheet (Over 12 Mils)	D	D		D	D							
Injection Molding	57,217	47,541	+20.4	341,648R	286,076	+19.4						
Wire & Cable	30,127	26,028	+15.7	175,410R	166,844	+ 5.1						
Extrusion Coating	61,110	54,241	+12.7	400,430R	333,191	+20.2						
Blow Molding	6,211	3,758	+65.3	25,058	21,191	+18.2						
Pipe & Conduit, Total	4,243	2,689	+57.8	16,383	17,073	- 4.0						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	13,347	8,839	+51.0	68,018R	56,235	+21.0						
Resellers & Compounders	51,539	56,930	- 9.5	297,236R	294,365	+ 1.0						
All Other Uses	68,747	55,919	+22.9	365,118R	343,483	+ 6.3						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	667,136	618,874	+ 7.8	3,933,044	3,352,674	+17.3	635,638	584,525	+ 8.7	3,784,025	3,483,924	+ 8.6
Total Exports	65,681	96,838	-32.2	446,538	449,921	- 0.8						
Total Domestic	601,455	522,036	+15.2	3,486,506	2,902,753	+20.1						
Film (12 Mils & Below)	53,586	39,205	+36.7	285,958	226,667	+26.2						
Sheet (Over 12 Mils)	18,153	13,646	+33.0	111,354	83,151	+33.9						
Injection Molding	160,669	141,092	+13.9	891,183	732,663	+21.6						
Wire & Cable	9,383	8,015	+17.1	62,643	60,030	+ 4.4						
Extrusion Coating	D	D		D	D							
Blow Molding	227,879	194,965	+16.9	1,352,864	1,135,857	+19.1						
Pipe & Conduit, Total	60,101	41,230	+45.8	294,449	212,640	+38.5						
Corrugated Pipe & Conduit	13,527	12,488	+ 8.3	80,661	72,800	+10.8						
Non-Corrugated Pipe & Conduit	46,574	28,742	+62.0	213,788	139,840	+52.9						
Other Extruded Products	5,614	3,757	+49.4	27,356	22,865	+19.6						
Resellers & Compounders	40,998	48,483	-15.4	274,384	256,920	+ 6.8						
All Other Uses	25,072	31,643	-20.8	186,315	171,960	+ 8.3						

(2) = Included in Other Extruded Products
(3) = Included in Film

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JUNE 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
POLYPROPYLENE, TOTAL	566,265	480,464	+17.9	3,214,001	2,770,600	+16.0	532,072	463,694	+14.7	3,128,932	2,824,597	+10.8
Total Exports	90,737	104,608	-13.3	596,795	515,824	+15.7						
Total Domestic	475,528	375,856	+26.5	2,617,206	2,254,776	+16.1						
Injection Molding	138,846	95,722	+45.1	783,415	641,569	+22.1						
Appliances	12,499	9,775	+27.9	73,909	64,069	+15.4						
Consumer Products	36,666	21,437	+71.0	199,917	158,413	+26.2						
Rigid Packaging	45,654	31,433	+45.2	247,153	219,890	+12.4						
Transportation	27,107	24,032	+12.8	160,070	147,019	+8.9						
All Other Injection Molding	16,920	9,045	+87.1	102,366	52,178	+96.2						
Blow Molding	10,697	8,731	+22.5	59,913	52,432	+14.3						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	52,762	41,815	+26.2	270,924	253,337	+6.9						
Sheet (Over 10 Mils)	6,690	3,530	+89.5	39,997	17,756	+125.3						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	148,790	120,670	+23.3	839,830	701,830	+19.7						
Textile Applications	141,819	110,730	+28.1	794,858	645,480	+23.1						
Non-Textile Monofilaments	6,971	9,940	-29.9	44,972	56,350	-20.2						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	13,206	6,061	+117.9	63,041	43,661	+44.4						
Resellers & Compounders	95,883	84,932	+12.9	532,885	472,377	+12.8						
All Other Uses	8,654	14,395	-39.9	27,201	71,814	-62.1						

= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

D = Disclosure

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

June 1987

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	June			YEAR-TO-DATE			June			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
ACRYLONITRILE BUTADIENE-STYRENE (ABS) RESINS, TOTAL	114,190	88,755	+ 28.7	617,145	528,350	+ 16.8	110,514	86,095	+ 28.4	589,403	539,749	+ 9.2
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	9,923	5,653	+ 75.5	55,563	39,187	+ 41.8	9,868	6,369	+ 54.9	63,699	43,485	+ 46.5
Total Exports	1,788	374	+378.1	10,979	3,554	+208.9						
Total Domestic	8,135	5,279	+ 54.1	44,584	35,633	+ 25.1						
POLYSTYRENE RESINS, TOTAL	400,590	401,066	- 0.1	2,489,978	2,204,122	+ 13.0	367,405	380,481	- 3.4	2,359,321	2,139,800	+ 10.3
Straight Polystyrene	205,813	210,260	- 2.1	1,319,158	1,139,320	+ 15.8	196,712	206,266	- 4.6	1,253,003	1,132,006	+ 10.7
Rubber-Modified Polystyrene	194,777	190,806	+ 2.1	1,170,820	1,064,802	+ 10.0	170,693	174,275	- 2.1	1,106,318	1,007,794	+ 9.8
Total Exports	8,395	8,570	- 2.0	57,278	54,185	+ 5.7						
Straight Polystyrene	4,583	6,855	- 33.1	39,884	33,051	+ 20.7						
Rubber-Modified Polystyrene	3,812	1,715	+122.3	17,394	21,134	- 17.7						
Total Domestic	392,195	392,496	- 0.0	2,432,700	2,149,937	+ 13.2						
Molding	160,725	137,957	+ 16.5	937,380	765,603	+ 22.4						
Extrusion	176,402	174,190	+ 1.3	1,089,016	963,206	+ 13.1						
Expandable Polystyrene Beads	35,046	45,624	- 23.2	265,768	235,094	+ 13.0						
All Other Uses	20,022	34,725	- 42.3	140,536	186,034	- 24.5						
Polystyrene End Uses, Total**	392,195	392,496	- 0.0	2,432,700	2,149,937	+ 13.2						
Packaging	112,581	105,045	+ 7.2	653,803	521,542	+ 25.4						
Disposables	65,498	51,719	+ 26.6	389,460	276,949	+ 40.6						
Consumer and Institutional Products	65,770	56,123	+ 17.2	395,737	282,629	+ 40.0						
Electrical/Electronics	44,798	35,275	+ 27.0	249,273	192,716	+ 29.3						
Furniture, Furnishings, Building & Construction	13,098	22,954	- 42.9	119,122	108,880	+ 9.4						
Expandable Polystyrene Beads	35,046	45,624	- 23.2	265,768	235,094	+ 13.0						
Resellers and Compounders	31,008	41,132	- 24.6	211,830	241,946	- 12.4						
All Other End Uses	24,396	34,624	- 29.5	147,707	290,181	- 49.1						

** = Portions of the End Use Section are estimated.

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JUNE 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR TO DATE			JUNE			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
STYRENE BASED LATEXES, TOTAL ***	79,559	72,535	+9.7	480,410R	421,757	+13.9	80,656	71,515	+12.8	453,824	400,318	+13.4
Paper Treating	2,711	5,201	-47.9	25,900	27,002	-4.1						
Textile Treating	1,472	1,750	-15.9	5,717R	9,810	-41.7						
Carpet Backing	30,041	26,365	+13.9	185,291R	149,792	+23.7						
All Other Uses (Including Exports & Paper Coating)	45,335	39,219	+15.6	263,502	235,153	+12.1						
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	23,811	25,883	-8.0	136,422	139,768	-2.4	24,965	26,473	-5.7	133,634	134,210	-0.4
Total Export	D	D		D	D							
Total Domestic	D	D		D	D							
Molding & Extrusion	D	D		D	D							
Coatings	D	D		D	D							
NYLON RESINS, TOTAL	44,904	35,553	+26.3	254,073	225,435	+12.7	41,588	37,421	+11.1	253,974	236,712	+7.3
Total Exports	4,785	3,520	+35.9	28,487	18,434	+54.5						
Total Domestic	40,119	32,033	+25.2	225,586	207,001	+9.0						
Injection Molding Grade	25,846	21,273	+21.5	140,579	139,141	+1.0						
Extrusion Grade	10,408	9,415	+10.5	63,887	56,082	+13.9						
Resellers and Compounders	2,922	931	+213.9	14,644	8,239	+77.7						
All Other Uses	943	414	+127.8	6,476	3,539	+83.0						

*** = Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure
R = Revision

Styrene Based Latexes sales includes some Canadian produced material.

SPI

CRS

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JUNE 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR TO DATE			JUNE			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	693,774	620,473	+ 11.8	3,937,133R	3,632,334	+ 8.4	669,205	607,580	+ 10.1	3,847,580	3,561,083	+ 8.0
Homopolymer Resins Including Blending & Latex	637,130	567,175	+ 12.3	3,623,078R	3,327,722	+ 8.9	613,022	552,667	+ 10.9	3,542,091	3,259,117	+ 8.7
Copolymer Resins Including Blending & Latex	17,185	19,205	- 10.5	90,185	106,820	- 15.6	18,263	21,957	- 16.8	92,511	103,566	- 10.7
Dispersion Resins	39,459	34,093	+ 15.7	223,870	197,792	+ 13.2	37,920	32,956	+ 15.1	212,978	198,400	+ 7.3
Total Exports	42,577	30,362	+ 40.2	210,793	164,759	+ 27.9						
Total Domestic	651,197	590,111	+ 10.4	3,726,340R	3,467,575	+ 7.5						
Calendering, Total	65,078	66,616	- 2.3	356,519	376,431	- 5.3						
Flooring	13,791	15,067	- 8.5	72,370	86,953	- 16.8						
Textile	9,019	5,659	+ 59.4	52,031	37,730	+ 37.9						
All Other Calendering Uses	42,268	45,890	- 7.9	232,118	251,748	- 7.8						
Coating, Total	31,703	28,976	+ 9.4	181,336	158,651	+ 14.3						
Flooring	13,844	13,383	+ 3.4	79,374	67,813	+ 17.0						
Textile & Paper Coating	9,944	8,428	+ 18.0	53,628	48,057	+ 11.6						
Protective Coatings	3,969	3,416	+ 16.2	24,674	23,264	+ 6.1						
Adhesives & All Other Coating Uses	3,946	3,749	+ 5.3	23,660	19,517	+ 21.2						
Extrusion, Total	452,048	404,562	+ 11.7	2,604,048	2,388,918	+ 9.0						
Wire & Cable	39,019	31,481	+ 23.9	223,787	215,313	+ 3.9						
Film & Sheet, Packaging	26,566	18,814	+ 41.2	135,506	127,966	+ 5.9						
Film & Sheet, Non-Packaging	4,947	N/A		25,221	N/A							
Siding & Siding Accessories, & Mobile Home Skirts	52,513	50,891	+ 3.2	303,926	269,862	+ 12.6						
Rigid Pipe & Tubing (Except Fittings)	290,408	268,222	+ 8.3	1,660,559	1,504,335	+ 10.4						
All Other Extrusions	38,595	35,154	+ 9.8	255,049	271,442	- 6.0						
Molding, Total	43,230	43,488	- 0.6	246,861R	258,068	- 4.3						
Bottles	12,961	18,169	- 28.7	85,750	103,308	- 17.0						
Fittings (Rigid Pipe & Tubing)	15,405	11,094	+ 38.9	73,045	73,252	- 0.3						
All Other Molding	14,864	14,225	+ 4.5	88,066R	81,508	+ 8.0						
Paste Processes (Except Coating)	14,910	12,813	+ 16.4	82,982	80,247	+ 3.4						
Plastisol Formulation	7,732	5,957	+ 29.8	43,847	39,794	+ 10.2						
All Other	7,178	6,856	+ 4.7	39,135	40,453	- 3.3						
Resellers & Compounders	29,408	26,684	+ 10.2	177,226	138,340	+ 28.1						
All Other Uses	14,820	6,972	+112.6	77,368	66,920	+ 15.6						

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JUNE 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JUNE			YEAR-TO-DATE			JUNE			YEAR TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	62,391	58,933	+ 5.9	359,699	354,617	+ 1.4	62,391	58,933	+ 5.9	359,699	354,617	+ 1.4
Total Exports	784	166	+372.3	3,843	2,490	+ 54.3						
Total Domestic	61,607	58,767	+ 4.8	355,856	352,127	+ 1.1						
Emulsion Paints	21,071	21,500	- 2.0	122,236	123,566	- 1.1						
Adhesives, Caulks and Sealants	21,577	22,006	- 1.9	127,185	129,809	- 2.0						
Paper Treating & Paper Coating	11,066	8,029	+ 37.8	59,836	53,706	+ 11.4						
Textile Treating	3,095	2,535	+ 22.1	16,103	16,592	- 2.9						
Non-Woven Binders	D	D		D	D							
All Other Uses .	4,798	4,697	+ 2.2	30,496	28,454	+ 7.2						
POLYVINYL ALCOHOL, TOTAL #	D(4)	D(4)		D(4)	D(4)		D(4)	D(4)		D(4)	D(4)	
Total Exports	D(4)	D(4)		D(4)	D(4)							
Total Domestic	D(4)	D(4)		D(4)	D(4)							
OTHER VINYL RESINS*, TOTAL	15,333	16,168	- 5.2	100,329	96,748	+ 3.7	18,856	16,969	+ 11.1	108,715	103,929	+ 4.6
Total Exports	5,181	4,170	+ 24.2	33,095	25,747	+ 28.5						
Total Domestic	10,152	11,998	- 15.4	67,234	71,001	- 5.3						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	129,826	95,130	+ 36.5	667,172	552,394	+ 20.8	131,954	97,621	+ 35.2	683,907	556,320	+ 22.9
Total Exports	21,354	11,045	+ 93.3	91,405	75,575	+ 20.9						
Total Domestic	108,472	84,085	+ 29.0	575,767	476,819	+ 20.8						
PET Bottle Grades	69,628	59,944	+ 16.2	410,235	337,523	+ 21.5						
All Other Thermoplastic Polyester**	38,844	24,141	+ 60.9	165,532	139,296	+ 18.8						

** = Includes All Other PET and All Injection Molding Grades

= Includes imputed data

(1) = Included in All Other Uses

(4) = The publishing of PVOH data has been temporarily suspended.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS	
EPOXY (UNMODIFIED) RESINS	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
HIGH-DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS)	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BUTADIENE LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENE BASED LATEXES - over 50% styrene including styrene butadiene latexes not carboxylated	OTHER SBL
OTHER STYRENE BASED POLYMERS - over 40% styrene and used in molding and extrusion processes	OTHER SBP
NYLON RESINS	NYLON
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAc
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS

CATEGORY	CODE
Production	P
Domestic Sales	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

SECOND QUARTER 1987

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL OSBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ADVANCE COATING CO.		PD																	
A & E PLASTICS											PDE								
AIR PRODUCTS & CHEMICALS															PDE	DE	PDE		
ALLIED CHEMICAL CO.							PDE							PDE					PD
ALLIED BENDIX					PD														
ALPHA CHEMICAL CORPORATION		PDE																	
AMERICAN CYANAMID COMPANY			PDE	PDE															
AMERICAN HOECHST CORP. - PLASTICS DIVISION							PDE												
AMERICAN HOECHST CORP. SOU-TEX DIVISION				PD	PD														
AMETEK, HAVEG DIVISION					PD														
AMOCO CHEMICAL CORPORATION							PDE	PDE			PDE								
ANDERSON DEVELOPMENT CO.													PD						
ARCO CHEMICAL											PDE		PDE						
ARISTECH CHEMICAL CO.		PDE						PDE											
ASHLAND CHEMICAL COMPANY		PDE			PD														
ASOMA POLYMERS, INC.											PD								
ATOCHEM, INC.														PDE					
AZS CORPORATION		PD																	
BASF CORPORATION											PDE			PDE					

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

	RESIN CATEGORY																		
COMPANY	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL OSBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
BELDING CHEMICAL INDUSTRIES														PD					
BORDEN-CHEMICAL COMPANY			PD	PD	PDE										PDE				
BORG WARNER CHEMICALS, INC.									PDE	PD									
CAIN CHEMICAL COMPANY							PDE												
CELANESE CHEMICAL COMPANY																D			
CELANESE ENGINEERING RESINS														PDE					PDE
CERTAIN-TEED PRODUCTS CORP.															PD				
CHEMBOND CORPORATION			PD	PD	PDE														
CHEVRON CHEMICAL OLEFINS						PDE	PDE				PDE								
CIBA-GEIGY CORP.	PDE																		
COOK PAINT & VARNISH		PD																	
CUSTOM RESINS, INC.														PD					
DAN RIVER, INC.			PD																
DART POLYMERS											PD								
DIVERSITECH GENERAL												PDE							
DOW CHEMICAL U.S.A.	PDE	PDE				PDE	PDE		PDE	PDE	PDE	PDE	PDE					PDE	
E.I. DUPONT DE NEMOURS AND COMPANY						PDE	PDE						PDE	PDE			PDE	PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE		PDE											PDE
EL PASO PRODUCTS CO.						PDE		PDE											

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBRL OSBRL	OTHER SRP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
EMSER INDUSTRIES														PD					
EXXON CHEMICAL AMERICAS						PDE	PDE	PDE											
FINA OIL & CHEMICAL								PDE			PDE								
FIRESTONE SYNTHETIC RUBBER & LATEX													PD						
FORMICA CORPORATION				PDE	D														
FORMOSA PLASTICS CORPORATION															PD				
FREEMAN CHEMICAL CORPORATION		PD																	
H. B. FULLER																D			
GENERAL ELECTRIC COMPANY										PD									PDE
GEORGIA-GULF															PDE				
GEORGIA-PACIFIC CORPORATION			PD		PD														
GLIDDEN COATINGS AND RESINS DIV OF SCM		PD																	
B. F. GOODRICH CHEMICAL CO.										PDE					PDE				
GOODYEAR CHEMICAL DIVISION												PD	PDE		PDE				PDE
DEWEY & ALMY DIVISION W. R. GRACE & COMPANY									PD			PD				D		PDE	
GRIFFTEX CHEMICALS			PD	PD															
HARBORCHEM, INC.			PD	PD															
HIMONT USA, INC.							PDE	PDE											
HOECHST FIBERS INDUSTRIES																			PDE

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL OSRL	OTHER SRP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
HUNTSMAN CHEMICAL CORP.											PDE								
ICI AMERICAS		PDE																	PDE
INMONT CORPORATION		PDE			PD														
INTERPLASTICS CORPORATION		PD																	
INTEREZ, INC.	PDE		PD	PD															
IRONSIDES CO.					PD														
KEYSOR-CENTURY CORPORATION															PD				
KOPPERS COMPANY		PD			PDE														
MOBIL CHEMICAL COMPANY						PDE	PDE				PDE								
MONSANTO COMPANY			PDE	PDE					PDE	PDE			PDE	PDE		DE		PDE	
MORTON INDUSTRIES												PD						PDE	
NATIONAL STARCH & CHEMICALS CORP.																D			
NYLON CORP. OF AMERICA														PD					
OCCIDENTAL CHEMICAL CORP.					PDE										PDE				
OWENS-CORNING FIBERGLASS		PDE			PD														
PERKINS INDUSTRIES, INC.			PD		PD														
PERSTORP COMPOUNDS INC.			PDE	PDE															
PHILLIPS CHEMICAL COMPANY							PDE	PD					PDE						

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL OSBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
PLASLOK CORPORATION					PD														
PLASTICS ENGINEERING COMPANY					PDE														
POLYREZ COMPANY, INC.					PDE														
POLYSAR, INC.											PDE								
POLYSAR LATEX												PD							
RAYMARK INDUSTRIES					PD														
REICHHOLD CHEMICALS, INC.	PDE	PDE	PDE	PDE	PDE							PD				DE			
ROGERS CORPORATION					PDE														
ROHM AND HAAS COMPANY													PDE			D		PDE	
SHAKESPEARE COMPANY														PD					
SHELL CHEMICAL COMPANY	PDE							PDE											
SHINTECH, INC.															PDE				
SILMAR DIV. OF SOHIO CHEM. CO.		PDE																	
SOLTEX						PDE	PDE	PDE											
STERLING ENGINEERED PRODUCTS		PDE	PDE	PDE	PDE														
TEXSTYRENE PLASTICS											PD								
UNION CARBIDE CORPORATION	PDE				PDE	PDE	PDE									DE			
UNION CHEMICAL												PD				D		PD	

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

	RESIN CATEGORY																		
COMPANY	EPOXY	PY	URFA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL OSAL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
U.S.I. CHEMICALS CO.						PDE	PDE	PDE								D			
VALCHEM DIV. OF UNITED MERCHANTS INC.			PD																
VALITE DIVISION OF VALENTINE SUGARS, INC.					PD														
VISTA CHEMICAL CO.															PDE				
WELLMAN, INC.														PDE					
TOTALS	6	17	14	12	23	10	13	11	4	5	13	8	9	12	11	12	2	7	8

9/25/87 A8920-5

The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

JUNE 30, 1987

APPARENT CONSUMPTION REPORT OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

**SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY**

RELEASE DATE: September 16, 1987

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In millions of pounds, dry weight basis)(1)

JUNE 1987

RESIN KIND	JUNE				YEAR-TO-DATE				
	Production	Imports	Exports*	Apparent Consumption	Production	Imports	Exports*	Apparent Consumption	Import % of Apparent Consumption
EPOXY RESINS, TOTAL	41	2	11	32	211	8	61	158	5
POLYESTER (UNSATURATED) RESINS, TOTAL	127	1	3	125	693	3	27	669	0
UREA RESINS, TOTAL	120	2	1	121	687	15	5	697	2
MELAMINE RESINS, TOTAL	19	0	2	17	106	3	7	102	3
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	252	4	5	251	1,412	24	27	1,409	2
THERMOSETTING RESINS, TOTAL	559	9	22	546	3,109	53	127	3,035	2
LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	781	59	88	752	4,727	401	506	4,622	9
HIGH DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	636	5	75	566	3,785	41	473	3,353	1
POLYPROPYLENE, TOTAL	532	2	100	434	3,129	8	711	2,426	0
ACRYLONITRILE BUTADIENE STYRENE (ABS) RESINS, TOTAL	111	9	15	105	590	41	75	556	7
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	10	1	2	9	64	2	13	53	4
OTHER STYRENICS	106	8	12	102	588	39	58	569	7
POLYSTYRENE, TOTAL	367	1	13	355	2,359	10	74	2,295	0
NYLON RESINS, TOTAL	42	4	8	38	254	23	45	232	10
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	669	19	38	650	3,847	84	217	3,714	2
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	62	2	[illegible]	61	359	14	21	352	4
POLYVINYL ALCOHOL, TOTAL	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)
OTHER VINYL RESINS, TOTAL	19	2	6	15	109	14	30	93	15
THERMOPLASTIC POLYESTER, TOTAL	132	3	5	130	684	14	39	659	2
THERMOPLASTIC RESINS, TOTAL	3,467	115	365	3,217	20,495	691	2,262	18,924	4
GRAND TOTAL	4,026	124	387	3,763	23,604	744	2,389	21,959	3

(1) = Except phenolic resins which are reported on a gross weight basis

D = Disclosure

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

Sources: Production – SPI Monthly Staustical Report
Imports – Bureau of Census IM 146
Exports – Bureau of Census EM 546

* = Bureau of Census exports will differ from the SPI exports as published on pages 4 through 11 of this report.

(4) = The publishing of PVOH data is temporarily suspended.

Monthly totals and year-to-date totals may not agree due to government revisions and rounding.

	Import No. (1)	Export No. (2)
Epoxy	409.0200	444.5410/444.5420
Polyester, Unsaturated	409.1000	444.6000
Urea	445.3540	444.5220
Melamine	445.3520	444.5210
Phenolic	409.0600	444.5810/444.5820
Low Density Polyethylene	445.3010	444.1604/444.1606/444.1608
High Density Polyethylene	445.3020	444.1620
Polypropylene	445.5200	444.1700
ABS	408.7200	444.2010
SAN	408.8100	444.2020
Other Styrenics	408.7600/408.8450	444.2050
Polystyrene	408.8420	444.2030/444.2040
Nylon	408.6100	444.1210
PVC	445.4600	444.2310/444.2320
Vinyl Acetate	445.4400	444.2120
Polyvinyl Alcohol	445.4200	444.2110
Other Vinyls	445.4800	444.2330
Thermoplastic Polyester	408.6800	444.1500

(1) Tariff Schedules of the U.S. Annotated
(2) Schedule B

A8920-5

The Society of the
Plastics Industry, Inc.

MonthlyStatisticalReport-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

JULY 31, 1987

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY

RELEASE DATE: September 18, 1987

SPI

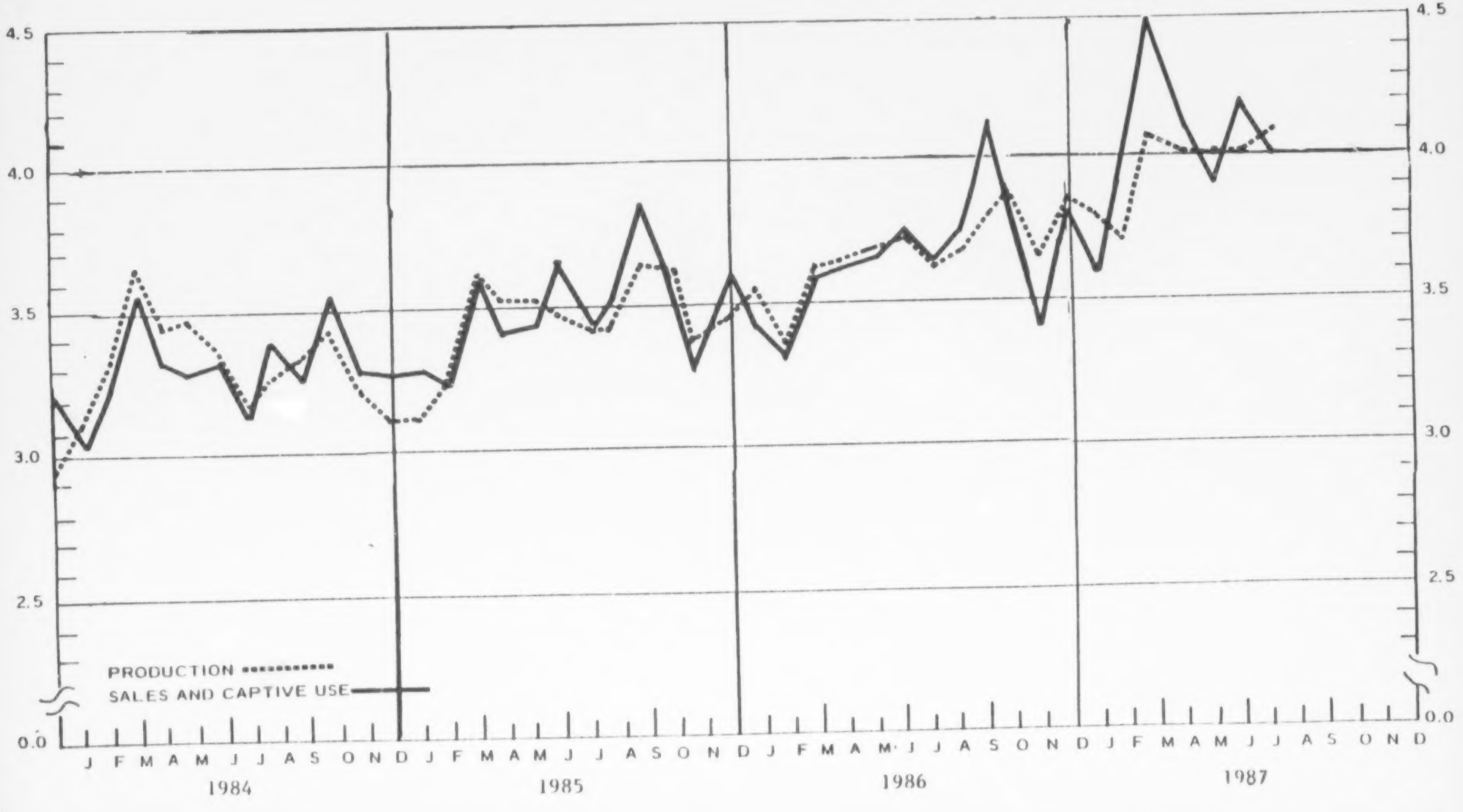
SECTION I

CRS

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

JULY 1987



Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)(1)

JULY 1987

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR TO DATE			JULY			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
EPOXY RESINS, TOTAL	32,740	31,083	+5.3	244,963	222,403	+10.1	36,949	34,616	+6.7	248,589	232,230	+7.0
POLYESTER (UNSATURATED) RESINS, TOTAL	108,765	104,884	+3.7	802,459R	754,158	+6.4	111,948	104,965	+6.7	805,009R	755,637	+6.5
UREA RESINS, TOTAL	109,988	98,965	+11.1	788,108	720,836	+9.3	109,316	99,243	+10.1	796,982	724,461	+10.0
MELAMINE RESINS, TOTAL	15,796	15,521	+1.8	115,663	110,269	+4.9	16,745	12,151	+37.8	122,239	100,864	+21.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	245,409	234,967	+4.4	1,666,829	1,613,669	+3.3	241,041	226,790	+6.3	1,655,940R	1,583,603	+4.6
THERMOSETTING RESINS, TOTAL	512,698	485,420	+5.6	3,618,022R	3,421,335	+5.7	515,999	477,765	+8.0	3,628,759R	3,396,795	+6.8
LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	779,291	803,219	-3.0	5,564,109R	5,010,365	+11.1	824,386	727,823	+13.3	5,551,112R	5,173,919	+7.3
HIGH DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	713,647	587,740	+21.4	4,646,691R	3,940,414	+17.9	698,394	599,669	+16.5	4,482,311R	4,083,593	+9.8
POLYPROPYLENE, TOTAL	535,848	477,758	+12.2	3,749,849	3,248,358	+15.4	575,069	469,771	+22.4	3,703,996R	3,294,368	+12.4
ACRYLONITRILE BUTADIENE STYRENE (ABS) RESINS, TOTAL	88,971	78,355	+13.5	706,116	606,705	+16.4	97,182	75,823	+28.2	686,585	615,572	+11.5
STYRENE ACRYLONITRILE (SAN) RESINS, TOTAL	8,554	5,986	+42.9	64,117	45,173	+41.9	10,166	5,749	+76.8	73,865	49,234	+50.0
POLYSTYRENE RESINS, TOTAL	368,879	357,298	+3.2	2,858,857	2,561,420	+11.6	392,196	383,437	+2.3	2,751,517	2,523,237	+9.0
STYRENE BASED LATEXES, TOTAL **	81,871	70,619	+15.9	562,281	492,376	+14.2	65,174	63,626	+2.4	518,998	463,944	+11.9
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	22,105	25,597	-13.6	158,527	165,365	-4.1	23,666	27,397	-13.6	157,300	161,607	-2.7
NYLON RESINS, TOTAL	37,793	34,060	+11.0	291,866	259,495	+12.5	42,558	39,592	+7.5	296,532	276,304	+7.3
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	667,765	571,575	+16.8	4,654,606R	4,203,909	+10.7	661,362	591,151	+11.9	4,556,363R	4,152,234	+9.7
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	56,218	57,164	-1.7	415,917	411,781	+1.0	* 56,218	* 57,164	-1.7	* 415,917	* 411,781	+1.0
POLYVINYL ALCOHOL, TOTAL #	D(4)	D(4)		D(4)	D(4)		D(4)	D(4)		D(4)	D(4)	
OTHER VINYL RESINS, TOTAL	17,087	15,764	+8.4	117,416	112,512	+4.4	17,875	14,307	+24.9	126,590	118,236	+7.1
THERMOPLASTIC POLYESTER, TOTAL	133,461	99,556	+34.1	800,633	651,950	+22.8	119,796	100,584	+19.1	803,703	656,904	+22.3
THERMOPLASTIC RESINS, TOTAL	3,511,490	3,184,691	+10.3	24,590,985R	21,709,823	+13.3	3,584,042	3,156,093	+13.6	24,124,789R	21,980,933	+9.8
GRAND TOTAL	4,024,188	3,670,111	+9.6	28,209,007R	25,131,158	+12.2	4,100,041	3,633,858	+12.8	27,753,548R	25,377,728	+9.4

(1) = Except phenolic resins which are reported on a gross weight basis

* = These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

= Includes imputed data

(4) = The publishing of PVOH data is temporarily suspended.

** = Sales and Captive Use figures include some Canadian produced material.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision

D = Disclosure

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

JULY 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
EPOXY RESINS, TOTAL	32,740	31,083	+ 5.3	244,963	222,403	+10.1	36,949	34,616	+ 6.7	248,589	232,230	+ 7.0
Total Exports	6,041	4,797	+25.9	44,685	31,223	+43.1						
Captive Use, Total	1,051	977	+ 7.6	7,611	7,580	+ 0.4						
Domestic Sales, Total	25,648	25,309	+ 1.3	192,667	183,600	+ 4.9						
Domestic Sales & Captive Use, Total	26,699	26,286	+ 1.6	200,278	191,180	+ 4.8						
Bonding & Adhesives	1,514	1,612	- 6.1	12,387	11,529	+ 7.4						
Flooring, Paving & Exposed Aggregate	1,468	2,030	-27.7	11,860	11,716	+ 1.2						
Protective Coatings	13,754	13,777	- 0.2	101,108	95,982	+ 5.3						
Fiber Reinforced Laminates & Composites, Total	4,908	4,898	+ 0.2	41,579	41,741	- 0.4						
FRL&C for Printed Wiring Board	3,252	3,339	- 2.6	29,497	28,265	+ 4.4						
All Other FRL&C	1,656	1,559	+ 6.2	12,082	13,476	-10.3						
Tooling, Casting & Molding Resins	2,142	1,803	+18.8	14,052	13,481	+ 4.2						
All Other Uses	2,913	2,166	+34.5	19,292	16,731	+15.3						
POLYESTER (UNSATURATED) RESINS, TOTAL	108,765	104,884	+ 3.7	802,459R	754,158	+ 6.4	111,948	104,965	+ 6.7	805,009R	755,637	+ 6.5
Total Exports	851	919	- 7.4	4,777	5,898	-19.0						
Total Domestic	107,914	103,965	+ 3.8	797,682R	748,260	+ 6.6						
General Purpose Resins, Total	94,493	89,666	+ 5.4	695,190R	647,907	+ 7.3						
General Purpose - Thixotropic	42,260	40,759	+ 3.7	312,290R	284,898	+ 9.6						
General Purpose - Press Molding	9,584	9,622	- 0.4	86,102	91,752	- 6.2						
General Purpose - All Other	42,649	39,285	+ 8.6	296,798R	271,257	+ 9.4						
Flame Retardant Resins	2,523	2,004	+25.9	16,404	14,822	+10.7						
Chemical Resistant Resins	10,898	12,295	-11.4	86,088	85,531	+ 0.7						
Chemical Resistant Isophthalic Resins	8,635	10,262	-15.9	67,213	69,507	- 3.3						
All Other Chemical Resistant Resins	2,263	2,033	+11.3	18,875	16,024	+17.8						
Reinforced Plastics, Total	81,026	76,713	+ 5.6	608,472R	566,716	+ 7.4						
Non-Reinforced Plastics, Total	26,888	27,252	- 1.3	189,210R	181,544	+ 4.2						

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)(1)

THERMOSETTING RESINS

JULY 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
UREA RESINS, TOTAL	109,988	98,965	+ 11.1	788,108	720,836	+ 9.3	109,316	99,243	+10.1	796,982	724,461	+10.0
MELAMINE RESINS, TOTAL	15,796	15,521	+ 1.8	115,663	110,269	+ 4.9	16,745	12,151	+37.8	122,239	100,864	+21.2
UREA & MELAMINE RESINS, TOTAL	125,784	114,486	+ 9.9	903,771	831,105	+ 8.7	126,061	111,394	+13.2	919,221	825,325	+11.4
Total Exports	D	D		D	D							
Total Domestic*	125,784	114,486	+ 9.9	903,771	831,105	+ 8.7						
Textile Treating & Coating Resins	1,254	1,110	+ 13.0	13,557	10,923	+ 24.1	1,505	1,739	-13.5	15,846	14,899	+6.4
Paper Treating & Coating Resins	6,776	8,487	- 20.2	53,063	58,633	- 9.5	6,993	8,582	-18.5	53,898	59,253	-9.0
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	98,684	88,455	+ 11.6	706,156	642,110	+ 10.0	98,263	88,087	+11.6	705,089	639,081	+10.3
Laminating	4,071	3,645	+ 11.7	28,987	25,019	+ 15.9	3,934	3,247	+21.2	27,942	23,298	+19.9
Plywood	4,724	5,684	- 16.9	37,682	35,107	+ 7.3	4,673	5,733	-18.5	37,990	35,442	+ 7.2
Fibrous & Granulated Wood (Particle Board)	89,889	79,126	+ 13.6	639,487	581,984	+ 9.9	89,656	79,107	+13.3	639,157	580,341	+10.1
Protective Coatings (Straight & Modified)	8,641	8,530	+ 1.3	64,261	60,944	+ 5.4	9,633	6,752	+42.7	83,437	60,266	+38.4
All Other Uses (Includes Molding Compounds, and Exports)	10,429	7,904	+ 31.9	66,734	58,495	+ 14.1	9,667	6,234	+55.1	60,951	51,826	+17.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	245,409	234,967	+ 4.4	1,666,829	1,613,669	+ 3.3	241,041	226,790	+6.3	1,655,940 R	1,583,603	+4.6
Total Exports	1,275	1,059	+ 20.4	10,457R	8,347	+ 25.3						
Total Domestic	244,134	233,908	+ 4.4	1,656,372R	1,605,322	+ 3.2						
Molding Compounds	13,481	14,262	- 5.5	118,068R	118,721	- 0.6	10,733	10,884	-1.4	122,420	121,730	+0.6
Bonding & Adhesive Resins for:	223,064	216,266	+ 3.1	1,490,088	1,462,607	+ 1.9	222,388	212,955	+4.4	1,483,634R	1,437,161	+3.2
Laminating	15,118	16,306	- 7.3	113,881	119,535	- 4.7	14,950	13,882	+7.7	106,676R	99,829	+6.9
Coated & Bonded Abrasives	1,218	1,197	+ 1.8	10,608	10,783	- 1.6	1,225	1,204	+1.7	10,666	10,828	-1.5
Friction Materials	2,200	2,242	- 1.9	19,481	17,014	+ 14.5	2,126	1,757	+21.0	18,790	16,528	+13.7
Insulation Materials	37,100	35,711	+ 3.9	237,487	242,552	- 2.1	37,119	35,517	+4.5	238,191	235,393	+1.2
Foundry & Shell Molding	3,415	2,954	+ 15.6	25,763	25,471	+ 1.1	3,503	3,001	+16.7	25,707	25,257	+1.8
Plywood	138,430	128,894	+ 7.4	911,284	839,819	+ 8.5	137,946	129,116	+6.8	912,106	840,483	+8.5
Fibrous & Granulated Wood	22,008	21,583	+ 2.0	142,226	149,280	- 4.7	21,843	22,433	-2.6	141,766	151,107	-6.2
Resins Sold to Rubber Industry	1,269	2,526	- 49.8	9,870	18,234	- 45.9	1,437	1,404	+2.4	10,260	17,505	-41.4
All Other	2,306	4,853	- 52.5	19,488	39,919	- 51.2	2,239	4,641	-51.8	19,472	40,231	-51.6
Protective Coatings – Unmodified & Modified	2,825	1,842	+ 53.4	14,996	12,850	+ 16.7	2,813	1,811	+55.3	15,035	12,700	+18.4
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	4,764	1,538	+209.8	33,220	11,144	+198.1	5,107	1,140	+348.0	34,851	12,012	+190.1

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

= Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

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D = Disclosure

R = Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JULY 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	779,291	803,219	-3.0	5,564,109R	5,010,365	+11.1	824,386	727,823	+13.3	5,551,112R	5,173,919	+7.3
Total Exports	90,261	81,421	+10.9	599,508R	541,392	+10.7						
Total Domestic	689,030	721,798	-4.5	4,964,601R	4,468,973	+11.1						
Film (12 Mils & Below)	427,706	443,122	-3.5	3,042,100	2,671,839	+13.9						
Sheet (Over 12 Mils)	D(3)	D(3)		D(3)	D(3)							
Injection Molding	55,669	53,416	+4.2	394,889R	339,492	+16.3						
Wire & Cable	24,874	32,306	-23.0	200,284	199,150	+0.6						
Extrusion Coating	60,420	56,620	+6.7	439,005R	389,811	+12.6						
Blow Molding	4,132	3,424	+20.7	29,190	24,615	+18.6						
Pipe & Conduit, Total	2,920	2,669	+9.4	19,303	19,742	-2.2						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	10,190	10,645	-4.3	78,208	66,880	+16.9						
Resellers & Compounders	49,117	59,556	-17.5	346,353	353,921	-2.1						
All Other Uses	54,002	60,040	-10.1	415,269R	403,523	+2.9						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	713,647	587,740	+21.4	4,646,691	3,940,414	+17.9	698,394	599,669	+16.5	4,482,311R	4,083,593	+9.8
Total Exports	85,567	69,185	+23.7	532,105	519,106	+2.5						
Total Domestic	628,080	518,555	+21.1	4,114,586	3,421,308	+20.3						
Film (12 Mils & Below)	56,918	37,753	+50.8	342,876	264,420	+29.7						
Sheet (Over 12 Mils)	18,022	16,970	+6.2	129,376	100,121	+29.2						
Injection Molding	150,685	137,308	+9.7	1,041,868	869,971	+19.8						
Wire & Cable	7,155	11,084	-35.4	69,798	71,114	-1.9						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	248,970	202,074	+23.2	1,601,834	1,337,931	+19.7						
Pipe & Conduit, Total	53,641	37,347	+43.6	348,090	249,987	+39.2						
Corrugated Pipe & Conduit	9,960	11,386	-12.5	90,621	84,186	+7.6						
Non-Corrugated Pipe & Conduit	43,681	25,961	+68.3	257,469	165,801	+55.3						
Other Extruded Products	5,641	3,453	+63.4	32,997	26,318	+25.4						
Resellers & Compounders	54,328	48,036	+13.1	328,712	304,956	+7.8						
All Other Uses	32,720	24,530	+33.4	219,035	196,490	+11.5						

(2) = Included in Other Extruded Products
(3) = Included in Film

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JULY 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
POLYPROPYLENE, TOTAL	535,848	477,758	+ 12.2	3,749,849	3,248,358	+ 15.4	575,069	469,771	+22.4	3,703,996R	3,294,368	+12.4
Total Exports	102,692	106,133	- 3.2	699,487	621,957	+ 12.5						
Total Domestic	433,156	371,625	+ 16.6	3,050,362	2,626,401	+ 16.1						
Injection Molding	124,538	95,776	+ 30.0	907,953	737,345	+ 23.1						
Appliances	10,086	9,655	+ 4.5	83,995	73,724	+ 13.9						
Consumer Products	37,398	23,000	+ 62.6	237,315	181,413	+ 30.8						
Rigid Packaging	37,527	32,349	+ 16.0	284,680	252,239	+ 12.9						
Transportation	22,577	20,841	+ 8.3	182,647	167,860	+ 8.8						
All Other Injection Molding	16,950	9,931	+ 70.7	119,316	62,109	+ 92.1						
Blow Molding	8,775	9,120	- 3.8	68,688	61,552	+ 11.6						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	47,299	40,192	+ 17.7	318,223	293,529	+ 8.4						
Sheet (Over 10 Mils)	8,364	3,570	+134.3	48,361	21,326	+126.8						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	144,859	126,727	+ 14.3	984,689	828,557	+18.8						
Textile Applications	139,919	114,403	+ 22.3	934,777	759,883	+ 23.0						
Non Textile Monofilaments	4,940	12,324	- 59.9	49,912	68,674	- 27.3						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	9,093	7,960	+ 14.2	72,134	51,621	+ 39.7						
Resellers & Compounders	88,879	72,767	+ 22.1	621,764	545,144	+ 14.1						
All Other Uses	1,349	15,513	- 91.3	28,550	87,327	- 67.3						

- Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

JULY 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
ACRYLONITRILE BUTADIENE STYRENE (ABS) RESINS, TOTAL	88,971	78,355	+13.5	706,116	606,705	+ 16.4	97,182	75,823	+28.2	686,585	615,572	+11.5
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE ACRYLONITRILE (SAN) RESINS, TOTAL	8,554	5,986	+42.9	64,117	45,173	+41.9	10,166	5,749	+76.8	73,865	49,234	+50.0
Total Exports	3,916	147	+2,563.9	14,895	3,701	+302.5						
Total Domestic	4,638	5,839	-20.6	49,222	41,472	+ 18.7						
POLYSTYRENE RESINS, TOTAL	368,879	357,298	+ 3.2	2,858,857	2,561,420	+ 11.6	392,196	383,437	+ 2.3	2,751,517	2,523,237	+ 9.0
Straight Polystyrene	203,176	200,605	+ 1.3	1,522,334	1,339,925	+ 13.6	212,251	217,056	- 2.2	1,465,254	1,349,062	+ 8.6
Rubber-Modified Polystyrene	165,703	156,693	+ 5.8	1,336,523	1,221,495	+ 9.4	179,945	166,381	+ 8.2	1,286,263	1,174,175	+ 9.5
Total Exports	8,373	10,031	-16.5	65,651	64,216	+ 2.2						
Straight Polystyrene	5,618	8,081	-30.5	45,502	41,132	+ 10.6						
Rubber Modified Polystyrene	2,755	1,950	+41.3	20,149	23,084	- 12.7						
Total Domestic	360,506	347,267	+ 3.8	2,793,206	2,497,204	+ 11.9						
Molding	135,140	112,114	+20.5	1,072,520	877,717	+ 22.2						
Extrusion	168,380	164,074	+ 2.6	1,257,396	1,127,280	+ 11.5						
Expandable Polystyrene Beads	38,081	43,360	-12.2	303,849	278,454	+ 9.1						
All Other Uses	18,905	27,719	-31.8	159,441	213,753	- 25.4						
Polystyrene End Uses, Total**	360,506	347,267	+ 3.8	2,793,206	2,497,204	+ 11.9						
Packaging	96,927	89,041	+ 8.9	750,730	610,583	+ 23.0						
Disposables	60,314	49,775	+21.2	449,774	326,724	+ 37.7						
Consumer and Institutional Products	55,998	48,934	+14.4	451,735	331,563	+ 36.2						
Electrical/Electronics	36,289	29,087	+24.8	285,562	221,803	+ 28.7						
Furniture, Furnishings, Building & Construction	20,668	19,858	+ 4.1	139,790	128,738	+ 8.6						
Expandable Polystyrene Beads	38,081	43,360	-12.2	303,849	278,454	+ 9.1						
Resellers and Compounders	28,739	42,352	-32.1	240,569	284,298	- 15.4						
All Other End Uses	23,490	24,860	- 5.5	171,197	315,041	- 45.7						

** - Portions of the End Use Section are estimated.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JULY 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
STYRENE BASED LATEXES, TOTAL ***	81,871	70,619	+ 15.9	562,281	492,376	+14.2	65,174	63,626	+2.4	518,998	463,944	+11.9
Paper Treating	1,920	4,778	- 59.8	27,820	31,780	-12.5						
Textile Treating	1,881	1,454	+ 29.4	7,598	11,264	-32.5						
Carpet Backing	30,284	26,843	+ 12.8	215,575	176,635	+22.0						
All Other Uses (Including Exports & Paper Coating)	47,786	37,544	+ 27.3	311,288	272,697	+14.2						
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	22,105	25,597	- 13.6	158,527	165,365	- 4.1	23,666	27,397	-13.6	157,300	161,607	- 2.7
Total Export	D	D		D	D							
Total Domestic	D	D		D	D							
Molding & Extrusion	D	D		D	D							
Coatings	D	D		D	D							
NYLON RESINS, TOTAL	37,793	34,060	+ 11.0	291,866	259,495	+12.5	42,558	39,592	+7.5	296,532	276,304	+ 7.3
Total Exports	4,956	2,973	+ 66.7	33,443	21,407	+56.2						
Total Domestic	32,837	31,087	+ 5.6	258,423	238,088	+ 8.5						
Injection Molding Grade	19,324	20,474	- 5.6	159,903	159,615	+ 0.2						
Extrusion Grade	9,876	8,621	+ 14.6	73,763	64,703	+14.0						
Resellers and Compounders	2,457	1,551	+ 58.4	17,101	9,790	+74.7						
All Other Uses	1,180	441	+167.6	7,656	3,980	+92.4						

*** - Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure

Styrene Based Latexes sales includes some Canadian produced material.

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

JULY 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	667,765	571,575	+16.8	4,654,606R	4,203,909	+10.7	661,362	591,151	+11.9	4,556,363R	4,152,234	+ 9.7
Homopolymer Resins Including Blending & Latex	620,773	526,992	+17.8	4,283,783R	3,854,714	+11.1	615,121	549,775	+11.9	4,194,950R	3,808,892	+10.1
Copolymer Resins Including Blending & Latex	15,424	14,772	+ 4.4	115,385R	121,592	- 5.1	14,324	14,729	- 2.7	116,518R	118,295	- 1.5
Dispersion Resins	31,568	29,811	+ 5.9	255,438	227,603	+12.2	31,917	26,647	+19.8	244,895	225,047	+ 8.8
Total Exports	36,131	27,365	+32.0	252,809R	192,124	+31.6						
Total Domestic	631,634	544,210	+16.1	4,401,797R	4,011,785	+ 9.7						
Calendering, Total	62,265	55,630	+11.9	440,252R	432,061	+ 1.9						
Flooring	15,259	12,002	+27.1	101,904R	98,955	+ 3.0						
Textile	6,549	6,655	- 1.6	64,764R	44,385	+45.9						
All Other Calendering Uses	40,457	36,973	+ 9.4	273,584R	288,721	- 5.2						
Coating, Total	26,430	24,825	+ 6.5	207,923R	183,476	+13.3						
Flooring	11,174	10,827	+ 3.2	90,548	78,640	+15.1						
Textile & Paper Coating	7,733	6,803	+13.7	61,518R	54,860	+12.1						
Protective Coatings	4,347	3,608	+20.5	29,021	26,872	+ 8.0						
Adhesives & All Other Coating Uses	3,176	3,587	-11.5	26,836	23,104	+16.2						
Extrusion, Total	445,137	389,820	+14.2	3,069,185R	2,778,738	+10.5						
Wire & Cable	32,412	25,617	+26.5	259,733R	240,930	+ 7.8						
Film & Sheet, Packaging	21,468	18,985	+13.1	159,601R	146,951	+ 8.6						
Film & Sheet, Non-Packaging	5,191	N/A		30,412	N/A							
Siding & Siding Accessories, & Mobile Home Skirts	55,498	41,815	+32.7	361,337R	311,677	+15.9						
Rigid Pipe & Tubing (Except Fittings)	288,152	261,297	+10.3	1,960,567R	1,765,632	+11.0						
All Other Extrusions	42,416	42,106	+ 0.7	297,535R	313,548	- 5.1						
Molding, Total	40,270	31,619	+27.4	287,241R	289,687	- 0.8						
Bottles	11,433	7,059	+62.0	97,183	110,367	-11.9						
Fittings (Rigid Pipe & Tubing)	13,831	11,864	+16.6	86,986R	85,116	+ 2.2						
All Other Molding	15,006	12,696	+18.2	103,072	94,204	+ 9.4						
Paste Processes (Except Coating)	12,183	11,571	+ 5.3	95,309R	91,818	+ 3.8						
Plastisol Formulation	6,718	5,805	+15.7	50,565	45,599	+10.9						
All Other	5,465	5,766	- 5.2	44,744R	46,219	- 3.2						
Resellers & Compounders	28,498	24,758	+15.1	207,581R	163,098	+27.3						
All Other Uses	16,851	5,987	+181.5	94,306R	72,907	+29.4						

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision

N/A = Not Comparable

SPI

CRS

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JULY 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	56,218	57,164	-1.7	415,917	411,781	+1.0	56,218	57,164	-1.7	415,917	411,781	+1.0
Total Exports	495	236	+109.7	4,338	2,726	+59.1						
Total Domestic	55,723	56,928	-2.1	411,579	409,055	+0.6						
Emulsion Paints	19,579	19,899	-1.6	141,815	143,465	-1.2						
Adhesives, Caulks and Sealants	19,115	20,963	-8.8	146,300	150,772	-3.0						
Paper Treating & Paper Coating	8,458	8,919	-5.2	68,294	62,625	+9.1						
Textile Treating	4,008	2,679	+49.6	20,111	19,271	+4.4						
Non-Woven Binders	D(1)	D(1)		D(1)	D(1)							
All Other Uses .	4,563	4,468	+2.1	35,059	32,922	+6.5						
POLYVINYL ALCOHOL, TOTAL	D(4)	D(4)		D (4)	D (4)		D(4)	D(4)		D (4)	D (4)	
Total Exports	D(4)	D(4)		D (4)	D (4)							
Total Domestic	D(4)	D(4)		D (4)	D (4)							
OTHER VINYL RESINS*, TOTAL	17,087	15,764	+8.4	117,416	112,512	+4.4	17,875	14,307	+24.9	126,590	118,236	+7.1
Total Exports	7,618	4,936	+54.3	40,713	30,683	+32.7						
Total Domestic	9,469	10,828	-12.6	76,703	81,829	-6.3						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	133,461	99,556	+34.1	800,633	651,950	+22.8	119,796	100,584	+19.1	803,703	656,904	+22.3
Total Exports	21,698	14,510	+49.5	113,103	90,085	+25.6						
Total Domestic	111,763	85,046	+31.4	687,530	561,865	+22.4						
PET Bottle Grades	84,729	62,062	+36.5	496,787R	399,585	+24.3						
All Other Thermoplastic Polyester**	27,034	22,984	+17.6	190,743R	162,280	+17.5						

** = Includes All Other PET and All Injection Molding Grades

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision
D = Disclosure

(1) = Included in All Other Uses

(4) = The publishing of PVOH data has been temporarily suspended.

The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

JULY 31, 1987

APPARENT CONSUMPTION REPORT OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY

RELEASE DATE: October 12, 1987

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In millions of pounds, dry weight basis)(1)

JULY 1987

RESIN KIND	JULY				YEAR TO DATE				
	Production	Imports	Exports*	Apparent Consumption	Production	Imports	Exports*	Apparent Consumption	Import % of Apparent Consumption
EPOXY RESINS, TOTAL	37	1	10	28	248	10	71	187	5%
POLYESTER (UNSATURATED) RESINS, TOTAL	112	1	4	109	805R	3	30	778	0%
UREA RESINS, TOTAL	110	2	1	111	797	17	5	809	2%
MELAMINE RESINS, TOTAL	16	0	2	14	122	3	9	116	3%
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	241	4	5	240	1,656R	27	32	1,651	2%
THERMOSETTING RESINS, TOTAL	516	8	22	502	3,628	60	147	3,541	2%
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	824	57	96	785	5,551R	459	602	5,408	8%
HIGH DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	698	7	78	627	4,482R	48	551	3,979	1%
POLYPROPYLENE, TOTAL	575	1	110	466	3,704R	9	821	2,892	0%
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	97	4	15	86	687	44	90	641	7%
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	10	1	2	9	74	3	15	62	5%
OTHER STYRENICS	89	6	9	86	677	45	67	655	7%
POLYSTYRENE, TOTAL	392	1	11	382	2,751	10	85	2,676	0%
NYLON RESINS, TOTAL	43	4	11	36	297	28	55	270	10%
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	662	6	38	630	4,556R	91	255	4,392	2%
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	56	2	3	55	415	17	24	408	4%
POLYVINYL ALCOHOL, TOTAL	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)
OTHER VINYL RESINS, TOTAL	18	2	5	15	127	16	35	108	15%
THERMOPLASTIC POLYESTER, TOTAL	120	2	7	115	804	16	45	775	2%
THERMOPLASTIC RESINS, TOTAL	3,584	93	385	3,292	24,125R	736	2,645	22,266	4%
GRAND TOTAL	4,100	101	407	3,794	27,753R	846	2,792	25,807	3%

(1) = Except phenolic resins which are reported on a gross weight basis
D = Disclosure
R = Revision

(4) = The publishing of PVOH data is temporarily suspended.

Monthly totals and year-to-date totals may not agree due to government revisions and rounding.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

Sources: Production – SPI Monthly Statistical Report
Imports – Bureau of Census IM 146
Exports – Bureau of Census EM 546

* = Bureau of Census exports will differ from the SPI exports as published on pages 4 through 11 of this report.

	Import No. (1)	Export No. (2)
Epoxy	409.0200	444.5410/444.5420
Polyester, Unsaturated	409.1000	444.6000
Urea	445.3540	444.5220
Melamine	445.3520	444.5210
Phenolic	409.0600	444.5810/444.5820
Low Density Polyethylene	445.3010	444.1604/444.1606/444.1608
High Density Polyethylene	445.3020	444.1620
Polypropylene	445.5200	444.1700
ABS	408.7200	444.2010
SAN	408.8100	444.2020
Other Styrenics	408.7600/408.8450	444.2050
Polystyrene	408.8420	444.2030/444.2040
Nylon	408.6100	444.1210
PVC	445.4600	444.2310/444.2320
Vinyl Acetate	445.4400	444.2120
Polyvinyl Alcohol	445.4200	444.2110
Other Vinyls	445.4800	444.2330
Thermoplastic Polyester	408.6800	444.1500

(1) Tariff Schedules of the U.S. Annotated
(2) Schedule B

10/23/87 A8920-5

The Society of the
Plastics Industry, Inc.

SPI

MonthlyStatisticalReport-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

AUGUST 31, 1987

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

**SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY**

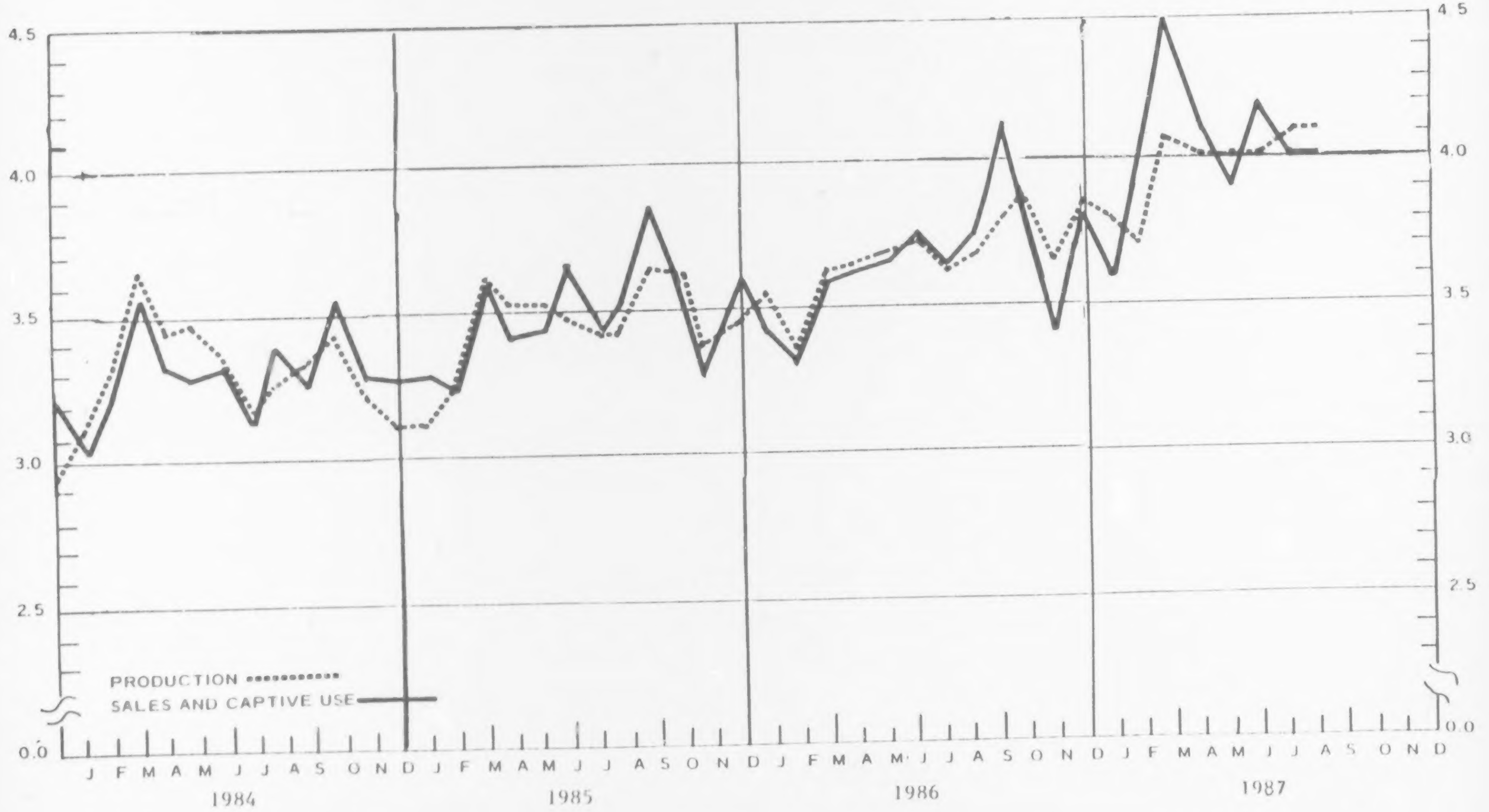
RELEASE DATE: OCTOBER 12, 1987

SECTION I

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

AUGUST 1987



Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

AUGUST 1987

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR TO DATE			AUGUST			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
EPOXY RESINS, TOTAL	34,531	30,726	+12.4	278,978R	253,129	+10.2	32,329	31,289	+ 3.3	280,869R	263,519	+ 6.6
POLYESTER (UNSATURATED) RESINS, TOTAL	114,660	102,011	+12.4	917,119	856,169	+ 7.1	114,416	104,760	+ 9.2	919,425	860,397	+ 6.9
UREA RESINS, TOTAL	115,308	103,634	+11.3	903,416	824,470	+ 9.6	116,180	105,087	+10.6	913,162	829,548	+10.1
MELAMINE RESINS, TOTAL	16,123	15,062	+ 7.0	131,786	125,331	+ 5.2	16,125	13,025	+23.8	138,364	113,889	+21.5
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	232,572	229,372	+ 1.4	1,899,401	1,843,041	+ 3.1	224,951	229,836	- 2.1	1,880,891	1,813,439	+ 3.7
THERMOSETTING RESINS, TOTAL	513,194	480,805	+ 6.7	4,130,700R	3,902,140	+ 5.9	504,001	483,997	+ 4.1	4,132,711R	3,880,792	+ 6.5
LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	750,904	767,509	- 2.2	6,315,013	5,777,874	+ 9.3	823,541	711,238	+15.8	6,374,653	5,885,157	+ 8.3
HIGH DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	673,868	627,054	+ 7.5	5,320,559	4,567,468	+16.5	700,176	630,129	+11.1	5,182,487	4,713,722	+ 9.9
POLYPROPYLENE, TOTAL	591,941	512,626	+15.5	4,341,790	3,760,984	+15.4	581,770	485,342	+19.9	4,285,766	3,779,710	+13.4
ACRYLONITRILE BUTADIENE STYRENE (ABS) RESINS, TOTAL	91,162	86,331	+ 5.6	797,278	693,036	+15.0	94,744	89,870	+ 5.4	781,329	705,442	+10.8
STYRENE ACRYLONITRILE (SAN) RESINS, TOTAL	8,448	7,542	+12.0	72,565	52,715	+37.7	10,737	7,435	+44.4	84,602	56,669	+49.3
POLYSTYRENE RESINS, TOTAL	379,809	361,525	+ 5.1	3,238,666	2,922,945	+10.8	396,170	387,393	+ 2.3	3,147,687	2,910,630	+ 8.1
STYRENE BASED LATEXES, TOTAL **	82,351	75,150	+ 9.6	644,632	567,526	+13.6	81,063	71,862	+12.8	610,025R	535,806	+13.9
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	23,746	23,786	- 0.2	182,273	189,151	- 3.6	25,846	24,677	+ 4.7	183,146	186,284	- 1.7
NYLON RESINS, TOTAL	37,935	35,643	+ 6.4	323,854R	295,138	+ 9.7	40,680	35,846	+13.5	337,847R	312,150	+ 8.2
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	687,955	608,217	+13.1	5,342,561	4,812,126	+11.0	659,856	599,568	+10.1	5,216,219	4,751,802	+ 9.8
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	63,041	58,167	+ 8.4	478,958	469,948	+ 1.9	* 63,041	* 58,167	+ 8.4	* 478,958	* 469,948	+ 1.9
POLYVINYL ALCOHOL, TOTAL #	D(4)	D(4)		D(4)	D(4)		D(4)	D(4)		D(4)	D(4)	
OTHER VINYL RESINS, TOTAL	17,154	13,945	+23.0	134,570	126,457	+ 6.4	19,124	13,944	+37.1	145,714	132,180	+10.2
THERMOPLASTIC POLYESTER, TOTAL	118,837	96,687	+22.9	910,133R	748,637	+21.6	115,351	93,844	+22.9	917,322R	750,748	+22.2
THERMOPLASTIC RESINS, TOTAL	3,527,151	3,274,182	+ 7.7	28,102,852R	24,984,005	+12.5	3,612,099	3,209,315	+12.6	27,745,755R	25,190,248	+10.9
GRAND TOTAL	4,040,345	3,754,987	+ 7.6	32,233,552R	28,886,145	+11.6	4,116,100	3,693,312	+11.4	31,878,466	29,071,040	+ 9.7

(1) Except phenolic resins which are reported on a gross weight basis

* = These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

# = Includes imputed data

(4) = The publishing of PVOH data is temporarily suspended.

** = Sales and Captive Use figures include some Canadian produced material.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision
D = Disclosure

SPI CRS

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

AUGUST 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
EPOXY RESINS, TOTAL	34,531	30,726	+12.4	278,978R	253,129	+10.2	32,329	31,289	+3.3	280,869R	263,519	+6.6
Total Exports	5,483	4,001	+37.0	50,160R	35,224	+42.4						
Captive Use, Total	1,174	1,237	-5.1	8,699R	8,817	-1.3						
Domestic Sales, Total	27,874	25,488	+9.4	220,119R	209,088	+5.3						
Domestic Sales & Captive Use, Total	29,048	26,725	+8.7	228,818R	217,905	+5.0						
Bonding & Adhesives	1,748	1,527	+14.5	14,097R	13,056	+8.0						
Flooring, Paving & Exposed Aggregate	1,413	1,477	-4.3	13,235R	13,193	+0.3						
Protective Coatings	13,834	13,993	-1.1	114,707R	109,975	+4.3						
Fiber Reinforced Laminates & Composites, Total	6,682	5,551	+20.4	48,253R	47,292	+2.0						
FRL&C for Printed Wiring Board	4,579	3,833	+19.5	34,072R	32,098	+6.1						
All Other FRL&C	2,103	1,718	+22.4	14,181R	15,194	-6.7						
Tooling, Casting & Molding Resins	1,954	2,068	-5.5	15,988R	15,549	+2.8						
All Other Uses	3,417	2,109	+62.0	22,538R	18,840	+19.6						
POLYESTER (UNSATURATED) RESINS, TOTAL	114,660	102,011	+12.4	917,119	856,169	+7.1	114,416	104,760	+9.2	919,425	860,397	+6.9
Total Exports	995	525	+89.5	5,772	6,423	-10.1						
Total Domestic	113,665	101,486	+12.0	911,347	849,746	+7.2						
General Purpose Resins, Total	99,476	86,875	+14.5	794,666	734,782	+8.1						
General Purpose - Thixotropic	44,649	41,059	+8.7	356,939	325,957	+9.5						
General Purpose - Press Molding	11,468	12,802	-10.4	97,570	104,554	-6.7						
General Purpose - All Other	43,359	33,014	+31.3	340,157	304,271	+11.8						
Flame Retardant Resins	1,970	2,132	-7.6	18,374	16,954	+8.4						
Chemical Resistant Resins	12,219	12,479	-2.1	98,307	98,010	+0.3						
Chemical Resistant Isophthalic Resins	9,891	10,005	-1.1	77,104	79,512	-3.0						
All Other Chemical Resistant Resins	2,328	2,474	-5.9	21,203	18,498	+14.6						
Reinforced Plastics, Total	85,768	75,690	+13.3	694,240	642,406	+8.1						
Non-Reinforced Plastics, Total	27,897	25,796	+8.1	217,107	207,340	+4.7						

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R - Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)(1)

THERMOSETTING RESINS

AUGUST 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987.	1986	% Change
UREA RESINS, TOTAL	115,308	103,634	+ 11.3	903,416	824,470	+ 9.6	116,180	105,087	+ 10.6	913,162	829,548	+ 10.1
MELAMINE RESINS, TOTAL	16,123	15,062	+ 7.0	131,786	125,331	+ 5.2	16,125	13,025	+ 23.8	138,364	113,889	+ 21.5
UREA & MELAMINE RESINS, TOTAL	131,431	118,696	+ 10.7	1,035,202	949,801	+ 9.0	132,305	118,112	+ 12.0	1,051,526	943,437	+ 11.5
Total Exports	D	D		D	D							
Total Domestic*	131,431	118,696	+ 10.7	1,035,202	949,801	+ 9.0						
Textile Treating & Coating Resins	1,451	1,331	+ 9.0	15,008	12,254	+ 22.5	1,809	1,955	- 7.5	17,655	16,854	+ 4.8
Paper Treating & Coating Resins	5,730	7,170	- 20.1	58,793	65,803	- 10.7	5,677	7,151	- 20.6	59,575	66,404	- 10.3
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	105,671	93,650	+ 12.8	811,827	735,760	+ 10.3	105,748	94,030	+ 12.5	810,837	733,111	+ 10.6
Laminating	4,490	3,420	+ 31.3	33,477	28,439	+ 17.7	4,362	3,326	+ 31.1	32,304	26,624	+ 21.3
Plywood	4,118	4,344	- 5.2	41,800	39,451	+ 6.0	4,051	4,188	- 3.3	42,041	39,630	+ 6.1
Fibrous & Granulated Wood (Particle Board)	97,063	85,886	+ 13.0	736,550	667,870	+ 10.3	97,335	86,516	+ 12.5	736,492	666,857	+ 10.4
Protective Coatings (Straight & Modified)	9,014	8,099	+ 11.3	73,275	69,043	+ 6.1	9,681	7,438	+ 30.2	93,118	67,704	+ 37.5
All Other Uses (Includes Molding Compounds, and Exports)	9,565	8,446	+ 13.2	76,299	66,941	+ 14.0	9,390	7,538	+ 24.6	70,341	59,364	+ 18.5
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	232,572	229,372	+ 1.4	1,899,401	1,843,041	+ 3.1	224,951	229,836	- 2.1	1,880,891	1,813,439	+ 3.7
Total Exports	1,284	1,269	+ 1.2	11,741	9,616	+ 22.1						
Total Domestic	231,288	228,103	+ 1.4	1,887,660	1,833,425	+ 3.0						
Molding Compounds	22,640	17,115	+ 32.3	140,708	135,836	+ 3.6	17,007	19,356	- 12.1	139,427	141,086	- 1.2
Bonding & Adhesive Resins for:	203,067	207,313	- 2.0	1,693,155	1,669,920	+ 1.4	202,648	206,331	- 2.0	1,686,282	1,64[illegible],992	+ 2.6
Laminating	12,217	13,991	- 12.7	126,098	133,526	- 5.6	9,624	11,473	- 16.1	116,300	111,302	+ 4.5
Coated & Bonded Abrasives	1,132	1,588	- 28.7	11,740	12,371	- 5.1	1,143	1,598	- 28.5	11,809	12,426	- 5.0
Friction Materials	2,240	2,317	- 3.3	21,721	19,331	+ 12.4	2,199	2,327	- 5.5	20,989	18,855	+ 11.3
Insulation Materials	39,029	35,552	+ 9.8	276,516	278,104	- 0.6	39,541	35,931	+ 10.0	277,732	271,324	+ 2.4
Foundry & Shell Molding	2,084	3,185	- 34.6	27,847	28,656	- 2.8	2,217	3,261	- 32.0	27,924	28,518	- 2.1
Plywood	122,909	122,157	+ 0.6	1,034,193	961,976	+ 7.5	123,685	123,023	+ 0.5	1,035,791	963,506	+ 7.5
Fibrous & Granulated Wood	19,400	20,505	- 5.4	161,626	169,785	- 4.8	19,461	21,892	- 11.1	161,227	172,999	- 6.8
Resins Sold to Rubber Industry	1,390	2,785	- 50.1	11,260	21,019	- 46.4	1,865	2,012	- 7.3	12,125	19,517	- 37.9
All Other	2,666	5,233	- 49.1	22,154	45,152	- 50.9	2,913	5,314	- 45.2	22,385	45,545	- 50.9
Protective Coatings - Unmodified & Modified	1,843	2,109	- 12.6	16,839	14,959	+ 12.6	1,816	2,073	- 12.4	16,851	14,773	+ 14.1
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	3,738	1,566	+138.7	36,958	12,710	+190.8	3,480	1,576	+120.8	38,331	13,588	+182.1

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

= Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

D = Disclosure

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

AUGUST 1987

	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR TO DATE			AUGUST			YEAR TO DATE		
RESIN KIND & USE	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	750,904	767,509	-2.2	6,315,013	5,777,874	+9.3	823,541	711,238	+15.8	6,374,653	5,885,157	+8.3
Total Exports	84,318	93,590	-9.9	683,826	634,982	+7.7						
Total Domestic	666,586	673,919	-1.1	5,631,187	5,142,892	+9.5						
Film (12 Mils & Below)	399,871	425,284	-6.0	3,441,971	3,097,123	+11.1						
Sheet (Over 12 Mils)	D(3)	D(3)		D(3)	D(3)							
Injection Molding	53,549	49,072	+9.1	448,438	388,564	+15.4						
Wire & Cable	28,395	30,144	-5.8	228,679	229,294	-0.3						
Extrusion Coating	61,918	52,067	+18.9	500,923	441,878	+13.4						
Blow Molding	3,392	2,075	+63.5	32,582	26,690	+22.1						
Pipe & Conduit, Total	3,532	3,049	+15.8	22,835	22,791	+0.2						
Corrugated Pipe & Conduit	D	D		D	D							
Non Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	9,354	8,104	+15.4	87,562	74,984	+16.8						
Resellers & Compounders	47,132	45,231	+4.2	393,485	399,152	-1.4						
All Other Uses	59,443	58,893	+0.9	474,712	462,416	+2.7						
HIGH DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	673,868	627,054	+7.5	5,320,559	4,567,468	+16.5	700,176	630,129	+11.1	5,182,487	4,713,722	+9.9
Total Exports	65,591	79,075	-17.1	597,696	598,181	-0.0						
Total Domestic	608,277	547,979	+11.0	4,722,863	3,969,287	+19.0						
Film (12 Mils & Below)	53,883	42,564	+26.6	396,759	306,984	+29.2						
Sheet (Over 12 Mils)	18,794	14,871	+26.4	148,170	114,992	+28.9						
Injection Molding	151,231	145,441	+4.0	1,193,099	1,015,412	+17.5						
Wire & Cable	8,717	11,174	-22.0	78,515	82,288	-4.6						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	247,028	217,590	+13.5	1,848,862	1,555,521	+18.9						
Pipe & Conduit, Total	49,046	46,788	+4.8	397,136	296,775	+33.8						
Corrugated Pipe & Conduit	11,378	17,051	-33.3	101,999	101,237	+0.8						
Non Corrugated Pipe & Conduit	37,668	29,737	+26.7	295,137	195,538	+50.9						
Other Extruded Products	4,755	1,892	+151.3	37,752	28,210	+33.8						
Resellers & Compounders	48,671	38,016	+28.0	377,383	342,972	+10.0						
All Other Uses	26,152	29,643	-11.8	245,187	226,133	+8.4						

(2) = Included in Other Extruded Products
(3) = Included in Film

D = Disclosure

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

AUGUST 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
POLYPROPYLENE, TOTAL	591,941	512,626	+ 15.5	4,341,790	3,760,984	+ 15.4	581,770	485,342	+ 19.9	4,285,766	3,779,710	+ 13.4
Total Exports	125,909	109,156	+ 15.3	825,396	731,113	+ 12.9						
Total Domestic	466,032	403,470	+ 15.5	3,516,394	3,029,871	+ 16.1						
Injection Molding	143,445	104,095	+ 37.8	1,051,398	841,440	+ 25.0						
Appliances	12,510	9,520	+ 31.4	96,505	83,244	+ 15.9						
Consumer Products	37,694	25,624	+ 47.1	275,009	207,037	+ 32.8						
Rigid Packaging	45,395	34,837	+ 30.3	330,075	287,076	+ 15.0						
Transportation	27,770	24,059	+ 15.4	210,417	191,919	+ 9.6						
All Other Injection Molding	20,076	10,055	+ 99.7	139,392	72,164	+ 93.2						
Blow Molding	10,410	7,173	+ 45.1	79,098	68,725	+ 15.1						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	45,590	44,684	+ 2.0	363,813	338,213	+ 7.6						
Sheet (Over 10 Mils)	8,664	3,890	+122.7	57,025	25,216	+126.1						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	150,547	134,041	+ 12.3	1,135,236	962,598	+ 17.9						
Textile Applications	144,600	117,514	+ 23.0	1,079,377	877,397	+ 23.0						
Non-Textile Monofilaments	5,947	16,527	- 64.0	55,859	85,201	- 34.4						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	9,256	6,629	+ 39.6	81,390	58,250	+ 39.7						
Resellers & Compounders	94,555	82,810	+ 14.2	716,319	627,954	+ 14.1						
All Other Uses	3,565	20,148	- 82.3	32,115	107,475	- 70.1						

= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

AUGUST 1987

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
ACRYLONITRILE BUTADIENE-STYRENE (ABS) RESINS, TOTAL	91,162	86,331	+5.6	797,278	693,036	+15.0	94,744	89,870	+5.4	781,329	705,442	+10.8
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE ACRYLONITRILE (SAN) RESINS, TOTAL	8,448	7,542	+12.0	72,565	52,715	+37.7	10,737	7,435	+44.4	84,602	56,669	+49.3
Total Exports	2,772	2,022	+37.1	17,667	5,723	+208.7						
Total Domestic	5,676	5,520	+2.8	54,898	46,992	+16.8						
POLYSTYRENE RESINS, TOTAL	379,809	361,525	+5.1	3,238,666	2,922,945	+10.8	396,170	387,393	+2.3	3,147,687	2,910,630	+8.1
Straight Polystyrene	208,060	194,011	+7.2	1,730,394	1,533,936	+12.8	216,416	203,586	+6.3	1,681,670	1,552,648	+8.3
Rubber-Modified Polystyrene	171,749	167,514	+2.5	1,508,272	1,389,009	+8.6	179,754	183,807	-2.2	1,466,017	1,357,982	+8.0
Total Exports	6,216	9,801	-36.6	71,867	74,017	-2.9						
Straight Polystyrene	3,877	8,065	-51.9	49,379	49,197	+0.4						
Rubber-Modified Polystyrene	2,339	1,736	+34.7	22,488	24,820	-9.4						
Total Domestic	373,593	351,724	+6.2	3,166,799	2,848,928	+11.2						
Molding	138,943	124,273	+11.8	1,211,463	1,001,990	+20.9						
Extrusion	170,068	159,706	+6.5	1,427,464	1,286,986	+10.9						
Expandable Polystyrene Beads	41,959	42,927	-2.3	345,808	321,381	+7.6						
All Other Uses	22,623	24,818	-8.8	182,064	238,571	-23.7						
Polystyrene End Uses, Total**	373,593	351,724	+6.2	3,166,799	2,848,928	+11.2						
Packaging	103,962	91,013	+14.2	854,692	701,596	+21.8						
Disposables	59,806	50,287	+18.9	509,580	377,011	+35.2						
Consumer and Institutional Products	66,164	51,358	+28.8	517,899	382,921	+35.2						
Electrical/Electronics	39,219	34,218	+14.6	324,781	256,021	+26.9						
Furniture, Furnishings, Building & Construction	11,412	20,414	-44.1	151,202	149,152	+1.4						
Expandable Polystyrene Beads	41,959	42,927	-2.3	345,808	321,381	+7.6						
Resellers and Compounders	27,702	38,726	-28.5	268,271	323,024	-17.0						
All Other End Uses	23,369	22,781	+2.6	194,566	337,822	-42.4						

** - Portions of the End Use Section are estimated.

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

AUGUST 1987

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
STYRENE BASED LATEXES, TOTAL ***	82,351	75,150	+ 9.6	644,632	567,526	+ 13.6	81,063	71,862	+12.8	610,025R	535,806	+13.9
Paper Treating	2,258	5,043	-55.2	30,078	36,823	- 18.3						
Textile Treating	1,311	1,669	-21.4	8,909	12,933	- 31.1						
Carpet Backing	33,633	31,089	+ 8.2	249,208	207,724	+ 20.0						
All Other Uses (Including Exports & Paper Coating)	45,149	37,349	+20.9	356,437	310,046	+ 15.0						
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	23,746	23,786	- 0.2	182,273	189,151	- 3.6	25,846	24,677	+ 4.7	183,146	186,284	- 1.7
Total Export	D	D		D	D							
Total Domestic	D	D		D	D							
Molding & Extrusion	D	D		D	D							
Coatings	D	D		D	D							
NYLON RESINS, TOTAL	37,935	35,643	+ 6.4	323,854R	295,138	+ 9.7	40,680	35,846	+13.5	337,847R	312,150	+ 8.2
Total Exports	4,706	3,415	+37.8	37,519R	24,822	+51.2						
Total Domestic	33,229	32,228	+ 3.1	286,335R	270,316	+ 5.9						
Injection Molding Grade	19,511	20,277	- 3.8	174,097R	179,892	- 3.2						
Extrusion Grade	10,541	10,159	+ 3.8	84,304	74,862	+12.6						
Resellers and Compounders	2,505	1,410	+77.7	19,606	11,200	+75.1						
All Other Uses	672	382	+75.9	8,328	4,362	+90.9						

*** - Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

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D - Disclosure

R = Revision

Styrene Based Latexes sales includes some Canadian produced material.

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

AUGUST 1987

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	687,955	608,217	+13.1	5,342,561	4,812,126	+11.0	659,856	599,568	+10.1	5,216,219	4,751,802	+ 9.8
Homopolymer Resins Including Blending & Latex	631,743	561,993	+12.4	4,915,526	4,416,707	+11.3	613,039	557,015	+10.1	4,807,989	4,365,907	+10.1
Copolymer Resins Including Blending & Latex	19,396	13,647	+42.1	134,781	135,239	- 0.3	12,037	12,107	- 0.6	128,555	130,402	- 1.4
Dispersion Resins	36,816	32,577	+13.0	292,254	260,180	+12.3	34,780	30,446	+14.2	279,675	255,493	+ 9.5
Total Exports	40,017	29,025	+37.9	292,826	221,149	+32.4						
Total Domestic	647,938	579,192	+11.9	5,049,735	4,590,977	+10.0						
Calendering, Total	68,375	53,908	+26.8	508,627	485,969	+ 4.7						
Flooring	16,958	10,166	+66.8	118,862	109,121	+ 8.9						
Textile	9,500	7,403	+28.3	74,264	51,788	+43.4						
All Other Calendering Uses	41,917	36,339	+15.3	315,501	325,060	- 2.9						
Coating, Total	31,493	26,929	+16.9	239,416	210,405	+13.8						
Flooring	13,300	11,207	+18.7	103,848	89,847	+15.6						
Textile & Paper Coating	9,165	8,420	+ 8.8	70,683	63,280	+11.7						
Protective Coatings	4,234	3,581	+18.2	33,255	30,453	+ 9.2						
Adhesives & All Other Coating Uses	4,794	3,721	+28.8	31,630	26,825	+17.9						
Extrusion, Total	453,168	403,039	+12.4	3,522,353	3,181,777	+10.7						
Wire & Cable	37,801	31,285	+20.8	297,534	272,215	+ 9.3						
Film & Sheet, Packaging	24,482	20,573	+19.0	184,083	167,524	+ 9.9						
Film & Sheet, Non-Packaging	4,600	N/A		35,012	N/A							
Siding & Siding Accessories, & Mobile Home Skirts	58,810	40,445	+45.4	420,147	352,122	+19.3						
Rigid Pipe & Tubing (Except Fittings)	287,515	267,204	+ 7.6	2,248,082	2,032,836	+10.6						
All Other Extrusions	39,960	43,532	- 8.2	337,495	357,080	- 5.5						
Molding, Total	42,713	47,359	- 9.8	329,954	337,046	- 2.1						
Bottles	13,548	21,877	-38.1	110,731	132,244	-16.3						
Fittings (Rigid Pipe & Tubing)	14,855	12,374	+20.1	101,841	97,490	+ 4.5						
All Other Molding	14,310	13,108	+ 9.2	117,382	107,312	+ 9.4						
Paste Processes (Except Coating)	12,361	11,734	+ 5.3	107,670	103,552	+ 4.0						
Plastisol Formulation	6,327	5,471	+15.6	56,892	51,070	+11.4						
All Other	6,034	6,263	- 3.7	50,778	52,432	- 3.2						
Resellers & Compounders	26,186	29,956	-12.6	233,767	193,054	+21.1						
All Other Uses	13,642	6,267	+117.7	107,948	79,174	+36.3						

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

N/A = Not Available

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

AUGUST 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR TO DATE			AUGUST			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	63,041	58,167	+ 8.4	478,958	469,948	+ 1.9	63,041	58,167	+ 8.4	478,958	469,948	+ 1.9
Total Exports	460	226	103.5	4,798	2,952	+ 62.5						
Total Domestic	62,581	57,941	+ 8.0	474,160	466,996	+ 1.5						
Emulsion Paints	20,943	19,652	+ 6.6	162,758	163,117	- 0.2						
Adhesives, Caulks and Sealants	22,775	21,899	+ 4.0	169,075	172,671	- 2.1						
Paper Treating & Paper Coating	11,313	9,057	+ 24.9	79,607	71,682	+ 11.1						
Textile Treating	2,828	2,636	+ 7.3	22,939	21,907	+ 4.7						
Non-Woven Binders	D(1)	D(1)		D(1)	D(1)							
All Other Uses	4,722	4,697	+ 0.5	39,781	37,619	+ 5.7						
POLYVINYL ALCOHOL, TOTAL #	D(4)	D(4)		D(4)	D(4)		D(4)	D(4)		D(4)	D(4)	
Total Exports	D(4)	D(4)		D(4)	D(4)							
Total Domestic	D(4)	D(4)		D(4)	D(4)							
OTHER VINYL RESINS*, TOTAL	17,154	13,945	+ 23.0	134,570	126,457	+ 6.4	19,124	13,944	+ 37.1	145,714	132,180	+ 10.2
Total Exports	6,323	3,587	+ 76.3	47,036	34,270	+ 37.3						
Total Domestic	10,831	10,358	+ 4.6	87,534	92,187	- 5.0						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	118,837	96,687	+ 22.9	910,133R	748,637	+ 21.6	115,351	93,844	+ 22.9	917,322R	750,748	+ 22.2
Total Exports	14,261	13,974	+ 2.1	125,878R	104,059	+ 20.0						
Total Domestic	104,576	82,713	+ 26.4	784,255R	644,578	+ 21.7						
PET Bottle Grades	76,872	59,978	+ 28.2	573,659	459,563	+ 24.8						
All Other Thermoplastic Polyester**	27,704	22,735	+ 21.9	210,596R	185,015	+ 13.8						

** = Includes All Other PET and All Injection Molding Grades
# = Includes imputed data

(1) = Included in All Other Uses

(4) = The publishing of PVOH data has been temporarily suspended.

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

R = Revision
D = Disclosure